

css.la



css Grid **Workshop**

<https://github.com/css-la/workshop-css-grid> | @cssdotla



Thank you

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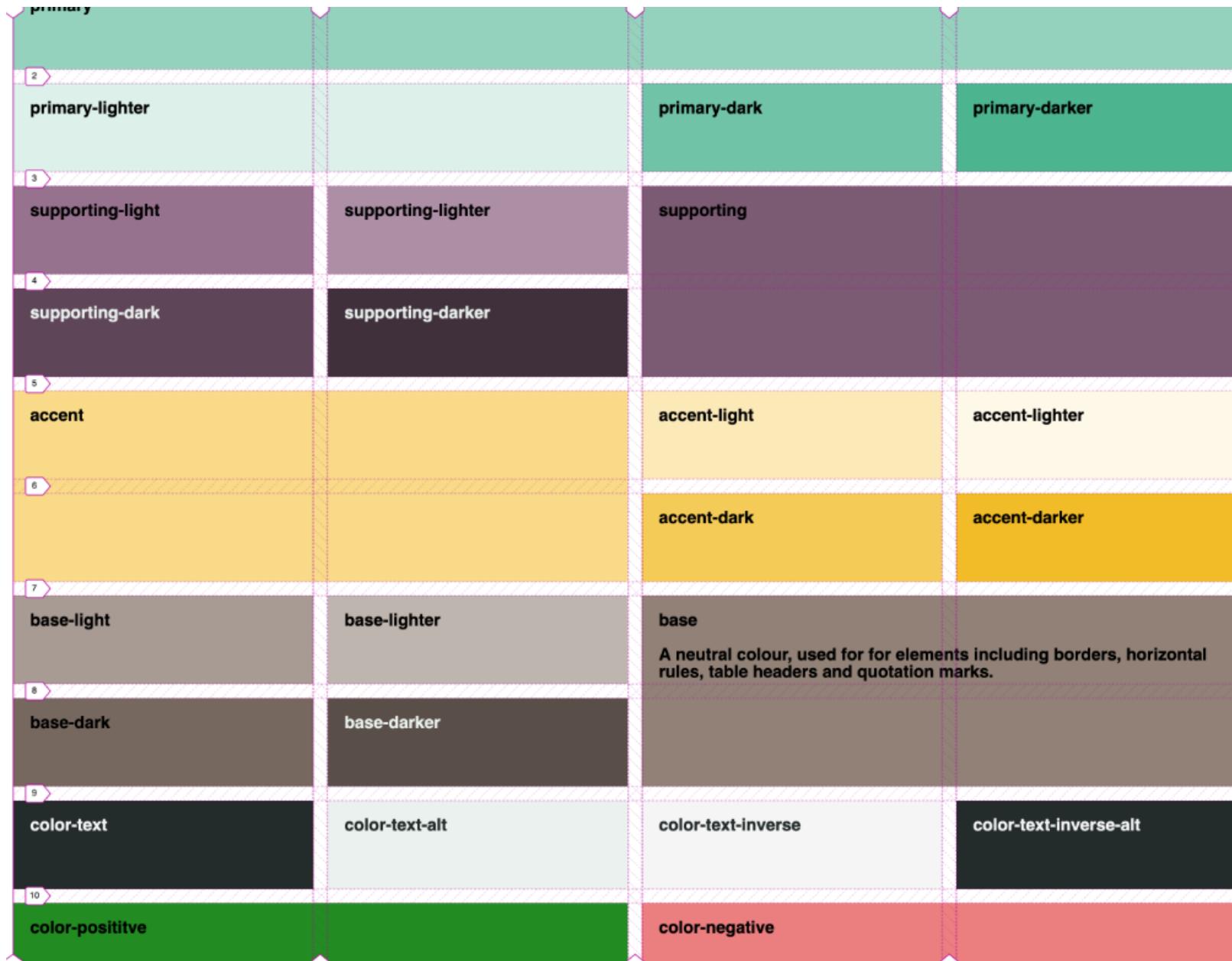
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css Grid

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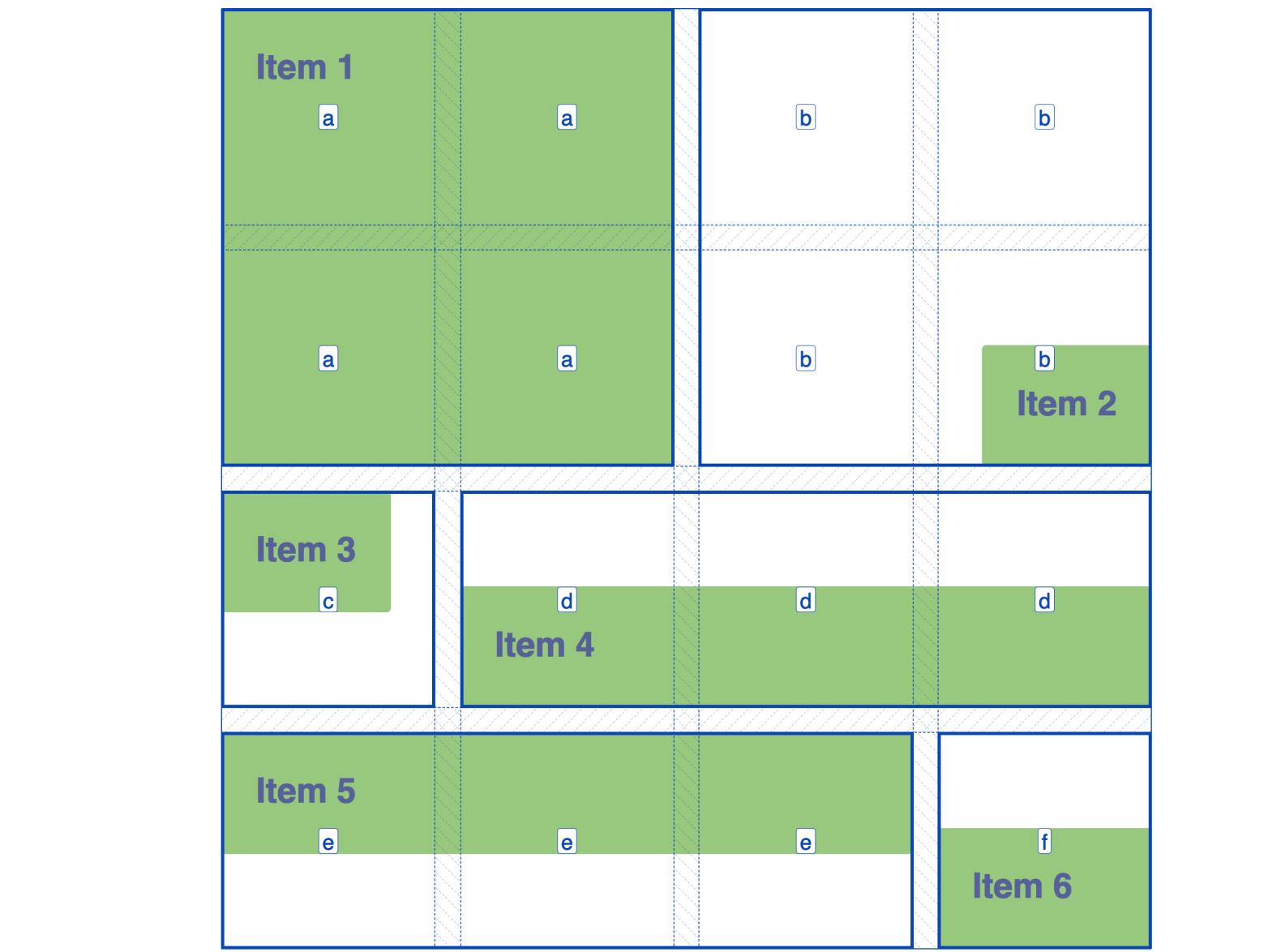
Sample 1: Laying out a grid



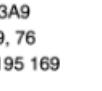
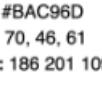
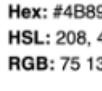
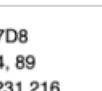
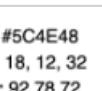
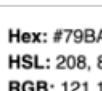
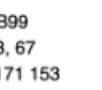
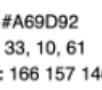
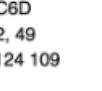
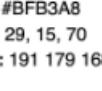
Sample 2: Page layout



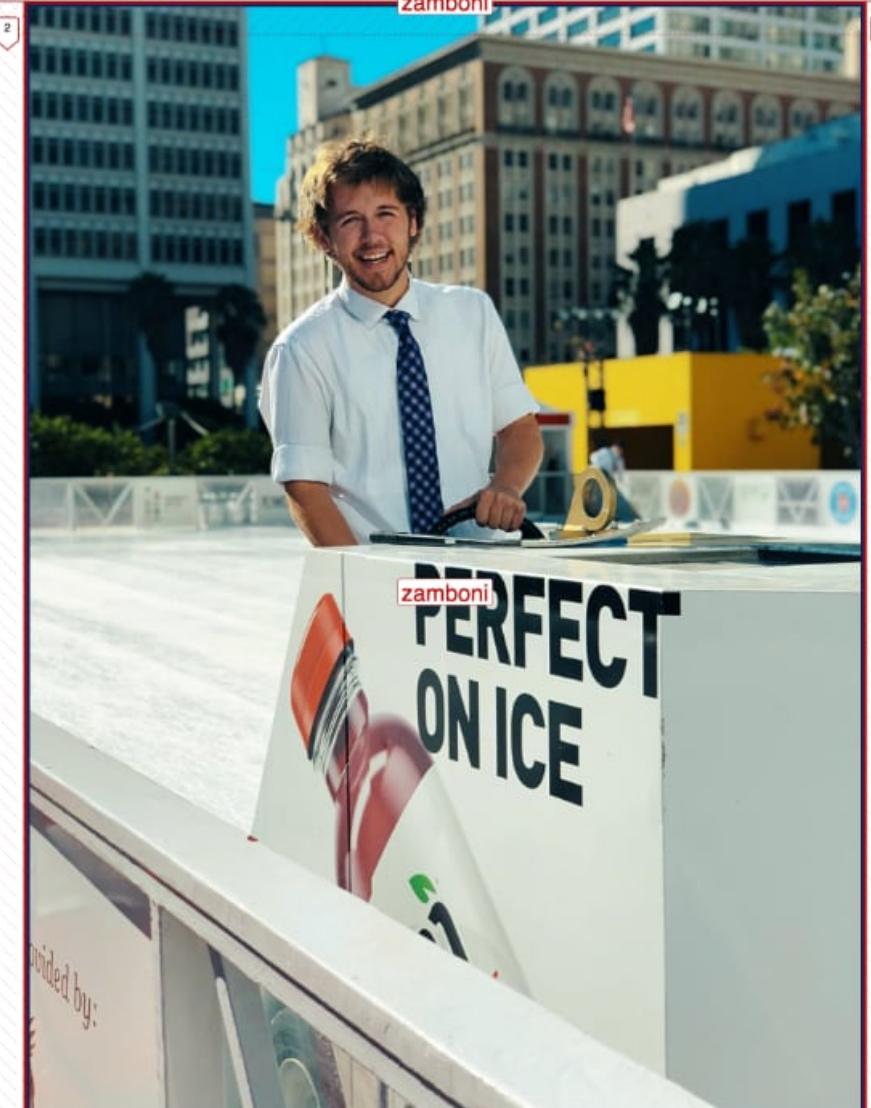
Sample 3: Aligning things



Sample 4: Support queries flexbox & grid

 Hex: #FBF063 HSL: 50, 42, 57 RGB: 191 176 99	 Hex: #D9C3A9 HSL: 33, 39, 76 RGB: 217 195 169	 Hex: #BAC96D HSL: 70, 46, 61 RGB: 186 201 109	 Hex: #4B89BF HSL: 208, 48, 52 RGB: 75 137 191	 Hex: #6CA6D9 HSL: 208, 59, 64 RGB: 108 166 217
 Hex: #DAD1CB HSL: 24, 17, 83 RGB: 218 209 203	 Hex: #F0E7D8 HSL: 38, 44, 89 RGB: 240 231 216	 Hex: #5C4E48 HSL: 18, 12, 32 RGB: 92 78 72	 Hex: #79BAF2 HSL: 208, 82, 71 RGB: 121 186 242	 Hex: #80BDF2 HSL: 208, 81, 73 RGB: 128 189 242
 Hex: #454543 HSL: 60, 1, 27 RGB: 69 69 67	 Hex: #BFAB99 HSL: 28, 23, 67 RGB: 191 171 153	 Hex: #A69D92 HSL: 33, 10, 61 RGB: 166 157 146	 Hex: #D9AD77 HSL: 33, 56, 66 RGB: 217 173 119	 Hex: #A7D5F2 HSL: 203, 74, 80 RGB: 167 213 242
 Hex: #A68C76 HSL: 28, 21, 56 RGB: 166 140 118	 Hex: #8C7C6D HSL: 29, 12, 49 RGB: 140 124 109	 Hex: #BFB3A8 HSL: 29, 15, 70 RGB: 191 179 168	 Hex: #A67C58 HSL: 28, 31, 50 RGB: 166 124 88	 Hex: #A68A7B HSL: 21, 19, 57 RGB: 166 138 123
 Hex: #95561F HSL: 28, 66, 35 RGB: 149 86 31				
 Hex: #F2C2C2 HSL: 0, 65, 85 RGB: 242 194 194	 Hex: #5F6A3D HSL: 75, 27, 33 RGB: 95 106 61			
 Hex: #F2B6CC HSL: 338, 70, 83 RGB: 242 182 204	 Hex: #80823F HSL: 62, 35, 38 RGB: 128 130 63			
 Hex: #BBADD9 HSL: 259, 37, 76 RGB: 187 173 217	 Hex: #F6D763 HSL: 47, 89, 68 RGB: 246 215 99			
 Hex: #F2D8CE HSL: 17, 58, 88 RGB: 242 216 206	 Hex: #E6C859 HSL: 47, 74, 63 RGB: 230 200 89			

Sample 5



“Super cute idea! Right in the center of downtown LA, this ^{ice} rink is easily accessible and very family friendly.”

**PERFECT
ON ICE**

The first ice resurfer was pioneered and developed in 1949 in the city of Paramount, California by American inventor and engineer Frank Zamboni.

An ice resurfer is a vehicle or hand-pushed device used to clean and smooth the surface of a sheet of ice, usually in an ice rink. The Zamboni Company's ice resurfacing machine and Frank Zamboni were honored with a Google Doodle on 16 January 2013, for Frank Zamboni's 112th birthday. Google provided a playable doodle, where you can drive the Zamboni machine around a rink. As such, an ice resurfer is often referred to as a “[Zamboni](#)” regardless of brand or manufacturer.

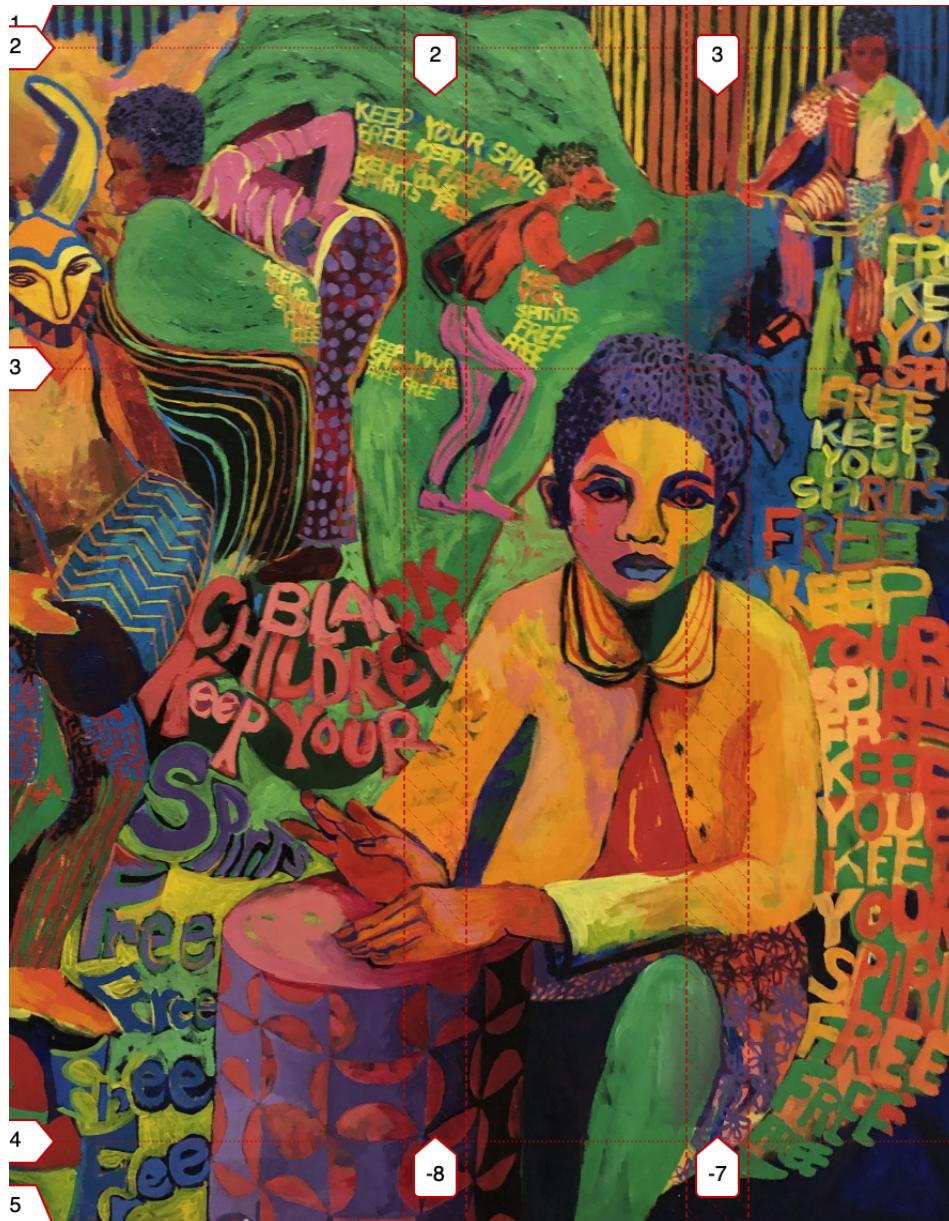
Holiday Ice Rink Downtown Los Angeles

zamboni

rom 100 LA footer

1 2 3 4 5 -1 -2 -3 -4 -5

Sample 6



Soul of a Nation:

ART IN THE AGE OF BLACK POWER 1963-1983

Soul of a Nation: Art in the Age of Black Power shines a bright light on the vital contribution of Black artists made over two revolutionary decades in American history, beginning in 1963 at the height of the civil rights movement.

The exhibition examines the influences, from the civil rights and Black Power

movements to Minimalism and developments in abstraction, on artists such as Romare Bearden, Barkley Hendricks, Noah Purifoy, Martin Puryear, Faith Ringgold, Betye Saar, Alma Thomas, Charles White, and William T. Williams.

Los Angeles-based artists appear throughout Soul of a Nation, and more deeply in three specific

galleries, foregrounding the significant role of Los Angeles in the art and history of the civil rights movement and the subsequent activist era, and the critical influence and sustained originality of the city's artists, many of whom have lacked wider recognition.

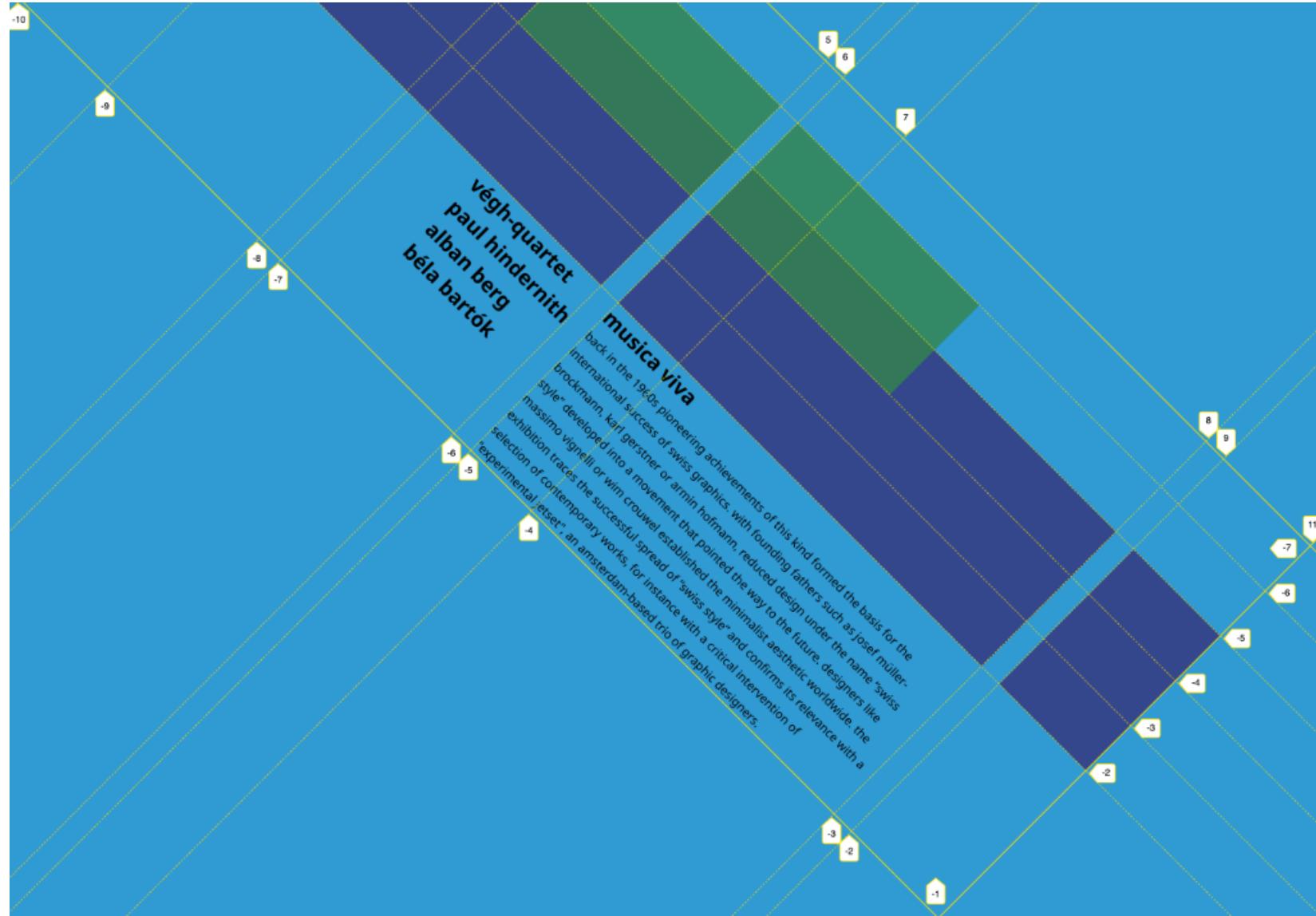
Featuring the work of more than 60 influential

artists and including vibrant paintings, powerful sculptures, street photography, murals, and more, this landmark exhibition is a rare opportunity to see era-defining artworks that changed the face of art in America.

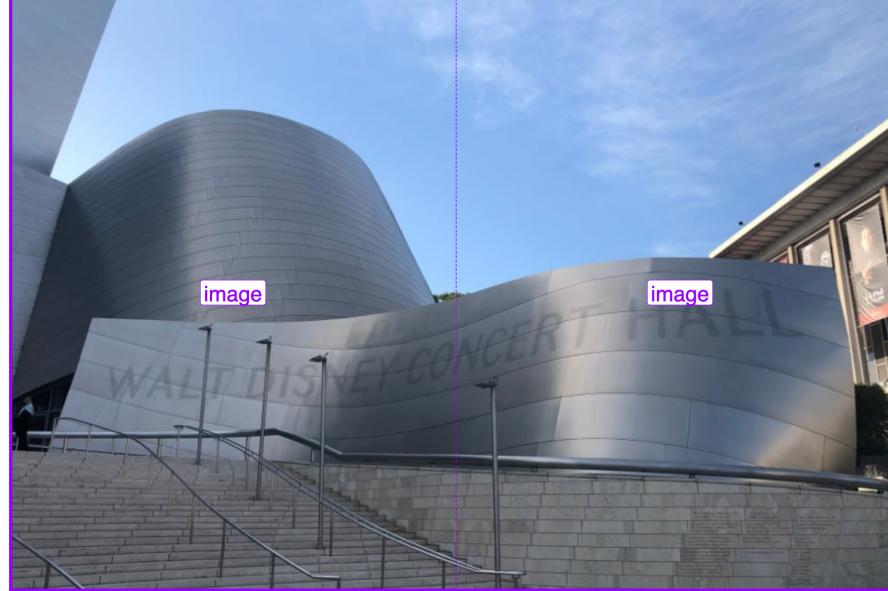
SPECIAL EXHIBITION
The Broad, Los Angeles
Mar 23–Sep 01, 2019

-6 **Black Children Keep You Spirits Free**, 1972. Carolyn Lawrence. Photo -5 -4 -3 -2 Scott Gruber.

Sample 7



Sample 8



image

image

header

Design by Frank Gehry.

Walt Disney Concert Hall

<p>"When the orchestra finally got to practice in Disney, it was to rehearse Ravel's lusciously orchestrated ballet, <i>Daphnis and Chloé</i>. This time, the hall miraculously came to life. A new sonic dimension had been added, and every square inch of air in Disney vibrated merrily." —music critic</p>	<p>As construction finished in the spring of 2003, the Philharmonic postponed its grand opening until the fall and used the summer to let the orchestra and Master Chorale adjust to the new hall. Performers and critics agreed that it was well worth this extra time taken by the time the hall opened to the public. During the summer rehearsals a few hundred VIPs were invited to sit in including donors, board members and journalists. Writing about these rehearsals, Los Angeles Times music critic Mark Swed wrote the following account.</p>
	<p>The walls and ceiling of the hall are finished with Douglas-fir while the floor is finished with oak. Columbia Showcase & C{text}et Co. Inc., based in Sun Valley, CA, produced all{text}he ceiling panels, wall panels and architectural woodwork for the main auditorium and lobbies. The Hall's reverberation time is approximately 2.2 seconds unoccupied and 2.0 seconds occupied.</p>
	<p>Toyota says that he had never experienced such an acoustical difference between a first and second rehearsal in any of the halls he designed in his native Japan. Salonen could hardly believe his ears. To his amazement, he discovered that there were wrong notes in the printed parts of the Ravel that sit on the players' stands. The orchestra has owned these scores for decades, but in the Chandler no conductor had ever heard the inner details well enough to notice the errors.</p>

Sample 9: Image layout and multi-column

The image consists of a 4x4 grid of photographs. The top row shows the exterior of the Walt Disney Concert Hall, featuring its iconic undulating, silver-colored metal panels. The second row shows various views of the building's unique shape and how it interacts with the surrounding environment. The third row provides closer looks at the building's facade and some of its architectural details. The fourth row is dedicated to the building's acoustics, with one image showing a person sitting in a chair and another showing a person standing near the building.

Director Gustavo Dudamel continues to ensure that Walt Disney Concert Hall and the Hollywood Bowl maintain preeminence among elite music venues worldwide, upholding a tradition maintained by his distinguished predecessors at the LA Phil. Architecturally innovative and acoustically magnificent, these spaces welcome

The Walt Disney Concert Hall seats 2,200 people and serves, among other purposes, as the home of the Los Angeles Philharmonic orchestra and the Los Angeles Master Chorale. The hall is a compromise between an arena seating configuration, like the Berliner Philharmonie by Hans Scharoun, and a classical shoebox design like

designed Gehry opened on October 21, 2003. Both Gehry's architecture and the acoustics of the concert hall, designed by Minoru Nagata, the final completion supervised by Nagata's assistant and protege Yasuhisa Toyota, have been praised, in contrast to its predecessor, the Dorothy Chandler Pavilion.

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Acoustics

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condominiums suffered glare caused by sunlight that was reflected off these surfaces and concentrated in a manner similar to a parabolic mirror. The resulting heat made some rooms of nearby condominiums unbearably warm, caused

```
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  display: grid;  
  grid-template-columns: 1fr 1fr 1fr 1fr;  
  grid-template-rows: auto;  
  grid-gap: 1em;  
}
```

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  grid-gap: 1vw;  
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    "nav"  
    "article"  
    "aside"  
    "section"  
    "footer";  
}
```

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      "nav nav nav"  
      "aside article section"  
      "footer footer footer";  
  }  
}
```

```
header {  
  grid-area: header;  
}
```

```
nav {  
  grid-area: nav;  
}
```

```
article {  
  grid-area: article;  
}
```

```
figcaption {  
    grid-column: 4 / 8;  
    grid-row: 4;  
}
```

```
img {  
    grid-column: 1 / 4;  
    grid-row: 1 / 5;  
}
```

Creating a grid

- **display: grid**
- **grid-template-columns**
- **grid-template-rows**
- **grid-template-areas**

Gaps

- **grid-column-gap**
- **grid-row-gap**
- **grid-gap**
- **grid-gap: 20px;**

Positioning things

- `grid-column`
- `grid-row`
- `grid-area`
- `grid-column: 1 / -1;`

Aligning things

- justify-content
- align-content
- justify-items
- align-items
- justify-self
- align-self

7 attributes to align things

- **start**
- **end**
- **center**
- **stretch**
- **space-between, space-around, space-evenly**

Sizing your grid

- **rem**
- **em**
- **px**
- **fr**
- **minmax()**

What's next?

<https://github.com/css-la/workshop-css-grid> | @cssdotla

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Thank you

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