

# Aspect Ratio cheatsheet

This cheat sheet lists some common aspect ratios and their pixel resolutions. Always confirm your final delivery ratio when shooting.

## # Getting Started

### Introduction

- The aspect ratio is the ratio between the width and height of the screen or image
- It's usually written as two numbers separated by a colon or "x", ex: 16:9 or 16x9
- Which is interpreted as W pixels in width for every H pixel in height.
- Resolution is the number of pixels (individual points of color)

### Multi-format of Aspect Ratio

Markdown Table	Template	LaTeX Table	CSV
<a href="#">Excel</a>	<a href="#">JSON Array</a>	<a href="#">HTML Table</a>	<a href="#">Insert SQL</a>
<a href="#">YAML Sequence</a>	<a href="#">XML</a>	<a href="#">ASCII</a>	<a href="#">MediaWiki Table</a>
<a href="#">AsciiDoc Table</a>	<a href="#">Jira Table</a>	<a href="#">Textile Table</a>	<a href="#">reStructuredText</a>
<a href="#">PHP Array</a>	<a href="#">Ruby Array</a>	<a href="#">ASP Array</a>	<a href="#">ActionScript</a>
<a href="#">BBCode</a>	<a href="#">PDF</a>	<a href="#">JPEG</a>	

## # Lists of Aspect Ratios

### 1080p

Aspect Ratio	Resolution
0.80 (4:5)	864 x 1080
1.25 (5:4)	1350 x 1080
1.33 (4:3)	1440 x 1080
1.66 (5:3)	1800 x 1080
1.78 (16:9)	1920 x 1080
1.85	1920 x 1038
1.90	1920 x 1011
2.00	1920 x 960
2.35	1920 x 817
2.37	1920 x 810
2.39	1920 x 803
2.40	1920 x 800
2.44	1920 x 787

### 720p

Aspect Ratio	Resolution
0.80 (4:5)	576 x 720
1.25 (5:4)	900 x 720
1.33 (4:3)	960 x 720
1.66 (5:3)	1200 x 720
1.78 (16:9)	1280 x 720
1.85	1280 x 692
1.90	1280 x 674
2.00	1280 x 640
2.35	1280 x 545
2.37	1280 x 540
2.39	1280 x 536
2.40	1280 x 533
2.44	1280 x 525

### Cinema DCP 4K

Aspect Ratio	Resolution
Flat (1.85)	3996 x 2160
Scope (2.39)	4096 x 1716
Full Container (1.90)	4096 x 2160

### Cinema DCP 2K

Aspect Ratio	Resolution
Flat (1.85)	1998 x 1080
Scope (2.39)	2048 x 858
Full Container (1.90)	2048 x 1080

### 8K

Aspect Ratio	Resolution
0.80 (4:5)	3686 x 4608
1.25 (5:4)	5760 x 4608
1.33 (4:3)	6144 x 4608
1.66 (5:3)	7680 x 4608
1.78 (16:9)	8192 x 4608
1.85	8192 x 4428
1.90	8192 x 4320
2.00	8192 x 4096
2.35	8192 x 3486
2.37	8192 x 3456
2.39	8192 x 3428
2.40	8192 x 3413
2.44	8192 x 3357

### 6K

Aspect Ratio	Resolution
0.80 (4:5)	2765 x 3456
1.25 (5:4)	4320 x 3456
1.33 (4:3)	4608 x 3456
1.66 (5:3)	5760 x 3456
1.78 (16:9)	6144 x 3456
1.85	6144 x 3321
1.90	6144 x 3234
2.00	6144 x 3072
2.35	6144 x 2614
2.37	6144 x 2592
2.39	6144 x 2571
2.40	6144 x 2560
2.44	6144 x 2518

### 4K

Aspect Ratio	Resolution
0.80 (4:5)	2765 x 3456
1.25 (5:4)	4320 x 3456
1.33 (4:3)	4608 x 3456
1.66 (5:3)	5760 x 3456
1.78 (16:9)	6144 x 3456
1.85	6144 x 3321
1.90	6144 x 3234
2.00	6144 x 3072
2.35	6144 x 2614
2.37	6144 x 2592
2.39	6144 x 2571
2.40	6144 x 2560
2.44	6144 x 2518

3K	
Aspect Ratio	Resolution
0.80 (4:5)	1382 x 1728
1.25 (5:4)	2160 x 1728
1.33 (4:3)	2304 x 1728
1.66 (5:3)	2880 x 1728
1.78 (16:9)	3072 x 1728
1.85	3072 x 1661
1.90	3072 x 1620
2.00	3072 x 1536
2.35	3072 x 1307
2.37	3072 x 1296
2.39	3072 x 1285
2.40	3072 x 1280
2.44	3072 x 1259

2K	
Aspect Ratio	Resolution
0.80 (4:5)	922 x 1152
1.25 (5:4)	1440 x 1152
1.33 (4:3)	1536 x 1152
1.66 (5:3)	1920 x 1152
1.78 (16:9)	2048 x 1152
1.85	2048 x 1107
1.90	2048 x 1078
2.00	2048 x 1024
2.35	2048 x 871
2.37	2048 x 864
2.39	2048 x 858
2.40	2048 x 853
2.44	2048 x 838

8K UHD	
Aspect Ratio	Resolution
0.80 (4:5)	2765 x 3456
1.25 (5:4)	5400 x 3456
1.33 (4:3)	5760 x 3456
1.66 (5:3)	7200 x 3456
1.78 (16:9)	7680 x 4320
1.85	7680 x 4151
1.90	7680 x 4042
2.00	7680 x 3840
2.35	7680 x 3268
2.37	7680 x 3240
2.39	7680 x 3213
2.40	7680 x 3200
2.44	7680 x 3148

5K	
Aspect Ratio	Resolution
0.80 (4:5)	2304 x 2880
1.25 (5:4)	3600 x 2880
1.33 (4:3)	3840 x 2880
1.66 (5:3)	4800 x 2880
1.78 (16:9)	5120 x 2880
1.85	5120 x 2768
1.90	5120 x 2700
2.00	5120 x 2560
2.35	5120 x 2179
2.37	5120 x 2160
2.39	5120 x 2142
2.40	5120 x 2133
2.44	5120 x 2098

4K UHD	
Aspect Ratio	Resolution
0.80 (4:5)	1728 x 2160
1.25 (5:4)	2700 x 2160
1.33 (4:3)	2880 x 2160
1.66 (5:3)	3600 x 2160
1.78 (16:9)	3840 x 2160
1.85	3840 x 2076
1.90	3840 x 2021
2.00	3840 x 1920
2.35	3840 x 1634
2.37	3840 x 1620
2.39	3840 x 1607
2.40	3840 x 1600
2.44	3840 x 1574

3K UHD	
Aspect Ratio	Resolution
0.80 (4:5)	1296 x 1620
1.25 (5:4)	2025 x 1620
1.33 (4:3)	2160 x 1620
1.66 (5:3)	2700 x 1620
1.78 (16:9)	2880 x 1620
1.85	2880 x 1557
1.90	2880 x 1516
2.00	2880 x 1440
2.35	2880 x 1226
2.37	2880 x 1215
2.39	2880 x 1205
2.40	2880 x 1200
2.44	2880 x 1180

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