chapter 8: Transforms, Transitions and Animations

Tremstroms are used to stotale, move, skew or scale elements. They are used to create a 3-Deflect.

The Hemstorm property used to apply a 2D or 3D transformation to an element.

The transform - Origin property.

Allows to change the position of transformed elements

20 transforms - can change a andy axis

30 transforms - can change 2 axis as well.

you can use the following 2-12 transforms in css.

- 1. Thanslate ()
- 2 totate()
- 3. Scale X()
- 4. Scale y ()
- 5. Skew()
- 6. malifix()
- 9. Scale ()

Cas an Hansform methods

1. totale X()

2 totale Y()

3. totale z()

CSS Transitions
used to change property values smoothly, oney a given duration.
clusation.
The Handilan broke this
The transition property is used to add transition in css.
following are the properties used for cas Hansition.
1. Transition-property: The property you want to Handles 2. Transition-duration: Time for which you want Handleon to apply.
3 Transition - Timing - function - How you want the property to transition 4. Transition - delay: specifies the delay for the transition
4. Transition-delay: specifies the delay for the transition
All these properties can be set using a single shorthand
All these properties can be set using a single shorthand property. Abraham a delay.
Transition: width 35 ease-9h 25;
Property Timing function

## Joiansthoning multiple properties

me can transition moultiple properties as follows:

Transition: opacitiq 13 case-out 15, Hansform 25 case-90;

CSS Animactions

used to animale ass properties with more control we can use & keyframers stule to change the animation from a given style to a new style.

from Ewidth: 20px; }
to Ewidth: 31 px; } con change multiple properties.

Properties to add Ahimahons
Following ever the properties used to set animation In CSS

2. Attimation - nume: Name of the animation. 2. Animation - duration: How long dues the animation run? 3. Animation - timing-function: Determines speed euro

of the unimation.

5. animation- Herotion-count: Number of times con

arimotion shad tun. 6. Atimorhon - direction - specifies the direction of the 9 mination

the animation shoothand All the animation properties from 1-6 can be applied like this: animation: harry 65 linear 15 Infinite devenue; Wing of value states with animation use do use of values to Inclicate what should happen whin a certain percent of animation is completed. a Keyframes harry ? 43dth: 20px; can add as many intermediate properties as possible. width: 80 px; 100 % {
with : 200 px;