

Converting Colors

CIELCh(93, 5.317, 284.782)

Have a look what the booklet for
CIELCh(93, 5.317, 284.782) contains.

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Color

CIELCh(93, 5.690, 287.138)

Conversions

Conversions Part 1

Format	Color
Hex	E9EAF5
RGB	233, 234, 245
RGB Percent	91%, 92%, 96%
CMY	0.0853, 0.0813, 0.0382
CMYK	0.05, 0.04, 0.00, 0.04
HSL	235°, 38%, 94%
HSV	235°, 5%, 96%
XYZ	79.7050, 82.9670, 98.4071
YIQ	234.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

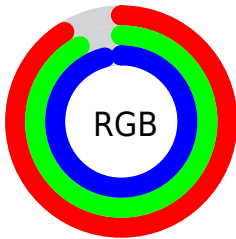
Format	Color
R _Y B	233, 234, 245
Decimal	15330037
CIE Lab	93.00, 1.68, -5.44
CIE LCh	93, 5.690, 287.138
Yxy	82.9670, 0.3053, 0.3178
Android (android.graphics.Color)	4293520117 (0xFFE9EAF5)
YUV	234.9550, 4.9522, -1.7145
Hunter-Lab	91.0862, -3.2046, -0.2950

Details

The CIELCh color `93, 5.690, 287.138` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.619, 106.061`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 5.986, 287.285` is the 20% darker color. If you saturate the color by 10%, you get `86, 17.610, 288.308`, and if you desaturate by 10%, it is `100, 4.927, 109.794`.

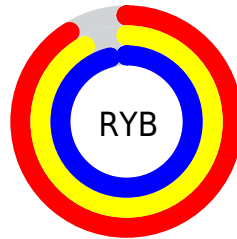
Distribution



Red (91%)

Green (92%)

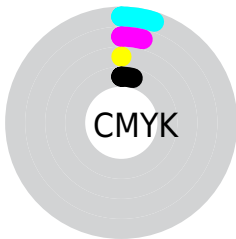
Blue (96%)



Red (91%)

Yellow (92%)

Blue (96%)

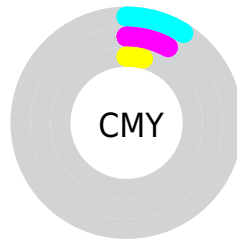


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (8%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.690, 287.138 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 5.690, 287.138 by changing the saturation by 10% instead.

 93, 5.690, 287.138

 93, 5.690, 287.138

 100, 5.690,
287.138

 83, 5.690, 287.138

 73, 5.690, 287.138

 63, 5.690, 287.138

 53, 5.690, 287.138

 43, 5.690, 287.138

 33, 5.690, 287.138

 23, 5.690, 287.138

 13, 5.690, 287.138

 3, 5.690, 287.138

93, 5.690, 287.138

93, 5.690, 287.138

86, 17.610,
288.308

100, 4.927,
109.794

78, 29.993,
289.715

71, 42.878,
291.370

63, 56.296,
293.298

56, 70.238,
295.504

49, 84.567,
297.944

43, 98.839,
300.485

37, 112.029,
302.878

■ 33,122.437,
304.795

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 5.690, 287.138



96, 5.619, 106.061

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



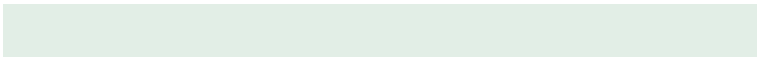
93, 5.690, 287.138



93, 5.690, 337.138



93, 5.690, 107.138



93, 5.690, 157.138

Sweetspot

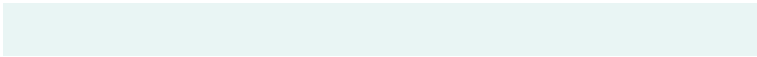
The Sweet Spot groups the original color and five complimentary colors.



93, 5.688, 287.124



99, 1.200, 286.786



96, 4.234, 190.917



53, 0.683, 286.786



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.688, 287.124



95, 7.209, 287.245



93, 6.448, 305.729



48, 4.629, 287.314



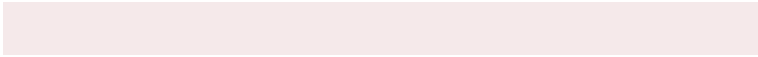
23, 101.711, 305.239



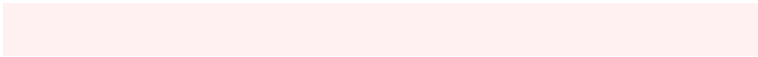
4, 37.585, 298.352

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



93, 4.332, 12.724



96, 5.502, 12.843



96, 6.378, 125.278



49, 3.537, 12.907



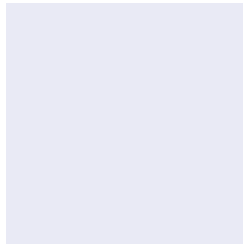
39, 79.050, 36.665



8, 30.524, 21.634

Previews

White Background



This preview shows how the CIELCh color 93, 5.690, 287.138 looks on a white background.

Color Contrast Check

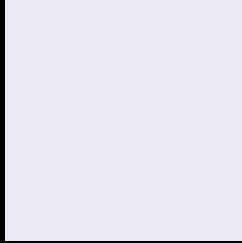
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 5.690, 287.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

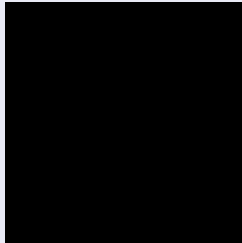
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

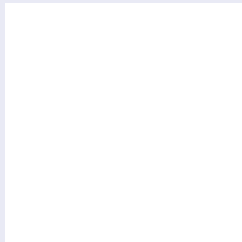
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.690, 287.138

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.690, 287.138.




This preview shows how white text looks on a background with the CIELCh color 93, 5.690, 287.138.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
93, 9.830, 292.957

Trichromacy



Original Color
93, 5.690, 287.138

Protanomaly
93, 6.254, 297.067

Deuteranomaly
93, 9.852, 323.060

Tritanomaly
93, 8.798, 293.121

Monochromacy



Original Color
93, 5.690, 287.138

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.096, 280.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.690, 287.138 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.690, 287.138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 234, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 234, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 234, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.690, 287.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
234, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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