

Converting Colors

CIELCh(91, 2.218, 5.789)

Have a look what the booklet for
CIELCh(91, 2.218, 5.789) contains.

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Color

CIELCh(91, 2.216, 5.788)

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E5
RGB	234, 228, 229
RGB Percent	92%, 89%, 90%
CMY	0.0831, 0.1066, 0.1027
CMYK	0.00, 0.03, 0.02, 0.08
HSL	350°, 12%, 91%
HSV	350°, 3%, 92%
XYZ	75.6709, 78.4833, 85.1448
YIQ	229.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

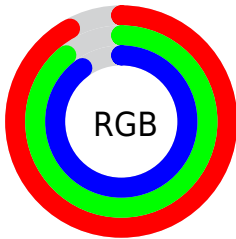
Format	Color
R_{YB}	234, 228, 229
Decimal	15394021
CIE Lab	91.00, 2.20, 0.22
CIE LCh	91, 2.216, 5.788
Yxy	78.4833, 0.3162, 0.3280
Android (android.graphics.Color)	4293584101 (0xFFEAE4E5)
YUV	229.9080, -0.4476, 3.5887
Hunter-Lab	88.5908, -2.5659, 5.0298

Details

The CIELCh color **91, 2.216, 5.788** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **92, 2.183, 185.916**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 1.969, 3.262** is the 20% darker color. If you saturate the color by 10%, you get **85, 11.157, 7.002**, and if you desaturate by 10%, it is **97, 6.218, 185.369**.

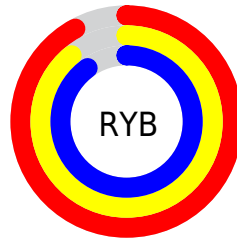
Distribution



Red (92%)

Green (89%)

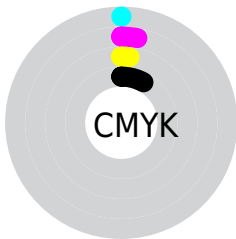
Blue (90%)



Red (92%)

Yellow (89%)

Blue (90%)

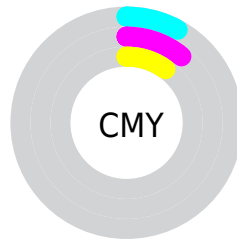


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.216, 5.788 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 91, 2.216, 5.788 by changing the saturation by 10% instead.

■ 91, 2.216, 5.788

■ 91, 2.216, 5.788

100, 2.216, 5.788

■ 81, 2.216, 5.788

■ 71, 2.216, 5.788

■ 61, 2.216, 5.788

■ 51, 2.216, 5.788

■ 41, 2.216, 5.788

■ 31, 2.216, 5.788

■ 21, 2.216, 5.788

■ 11, 2.216, 5.788

■ 1, 2.216, 5.788

91, 2.216, 5.788

91, 2.216, 5.788

85, 11.157, 7.002

97, 6.218, 185.369

79, 20.595, 8.172

99, 7.253, 199.038

73, 30.461, 9.572

67, 40.606, 11.297

62, 50.785, 13.463

58, 60.653, 16.211

54, 69.827, 19.688

51, 78.008, 23.981

50, 85.082, 28.968

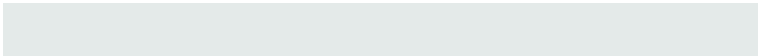
Harmonies

Complementary

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



91, 2.216, 5.788



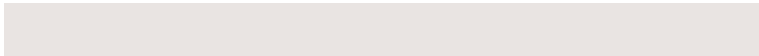
92, 2.183, 185.916

Rectangle

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



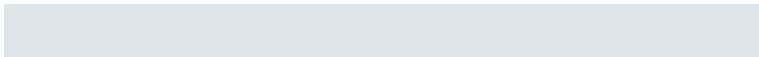
91, 2.216, 5.788



91, 2.216, 55.788



91, 2.216, 185.788



91, 2.216, 235.788

Sweetspot

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



91, 2.214, 5.830



99, 0.925, 5.283



91, 3.603, 319.847



53, 0.526, 5.244



0, 0.000, 0.000



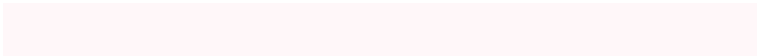
53, 0.007, 296.813

Same Dimension

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



91, 2.214, 5.830



98, 2.783, 5.910



91, 1.751, 55.181



48, 1.974, 6.025



38, 73.432, 31.799



7, 27.975, 15.874

Inverse Universe

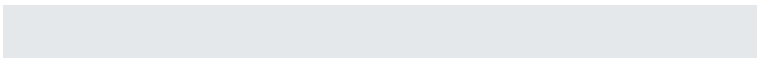
The Inverse Universe completely reimagines the original color for something new.



91, 2.214, 5.830



98, 2.783, 5.910



92, 1.739, 236.222



48, 1.974, 6.025



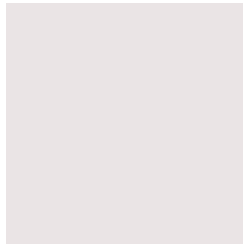
38, 73.432, 31.799



7, 27.975, 15.874

Previews

White Background



This preview shows how the CIE LCh color 91, 2.216, 5.788 looks on a white background.

Color Contrast Check

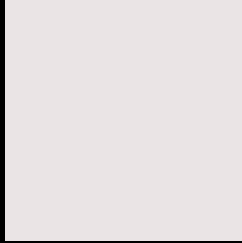
Large Text (above 18pt) WCAG AA × Fail

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 91, 2.216, 5.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

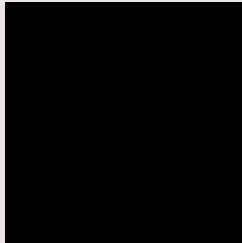
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

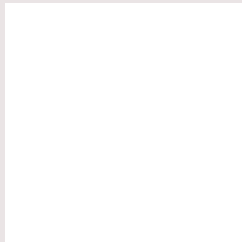
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.216, 5.788

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.216, 5.788.

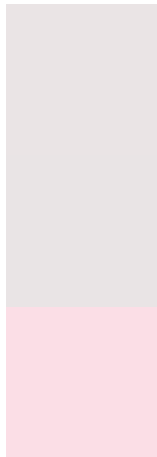


This preview shows how white text looks on a background with the CIELCh color 91, 2.216, 5.788.

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



Original Color

91, 2.216, 5.788

Protanopia

91, 1.870, 3.138

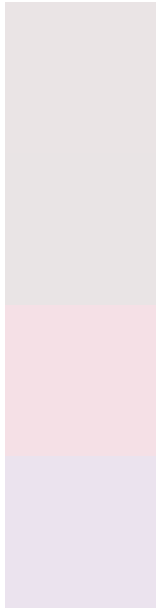
Deuteranopia

91, 11.286, 358.734



Tritanopia
91, 9.536, 312.366

Trichromacy



Original Color

91, 2.216, 5.788

Protanomaly

91, 1.870, 3.138

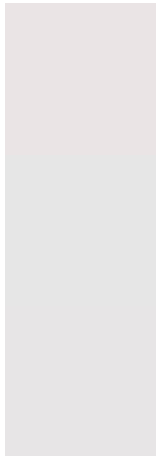
Deuteranomaly

91, 8.195, 357.709

Tritanomaly

91, 6.401, 316.752

Monochromacy



Original Color

91, 2.216, 5.788

Achromatopsia

91, 0.011, 296.813

Achromatomaly

91, 0.893, 343.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.216, 5.788 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(234, 228, 229)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 229)  
}
```

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(234, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.216, 5.788 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(234, 228, 229) }
```

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

```
.border{ border-color:rgb(234, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.216, 5.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 229) }
```

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

```
.background{ background-color: rgb(234,  
228, 229) }
```

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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