

Converting Colors

CIELCh(91, 5.748, 65.473)

Have a look what the booklet for
CIELCh(91, 5.748, 65.473) contains.

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Color

CIELCh(91, 5.743, 65.476)

Conversions

Conversions Part 1

Format	Color
Hex	EEE3DB
RGB	238, 227, 219
RGB Percent	93%, 89%, 86%
CMY	0.0654, 0.1085, 0.1399
CMYK	0.00, 0.05, 0.08, 0.07
HSL	25°, 36%, 90%
HSV	25°, 8%, 93%
XYZ	75.7587, 78.4833, 78.3979
YIQ	229.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

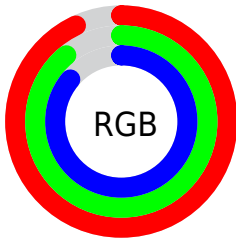
Format	Color
R _Y B	238, 233, 219
Decimal	15655899
CIE Lab	91.00, 2.38, 5.22
CIE LCh	91, 5.743, 65.476
Yxy	78.4833, 0.3256, 0.3374
Android (android.graphics.Color)	4293845979 (0xFFEEE3DB)
YUV	229.3770, -5.1159, 7.5624
Hunter-Lab	88.5908, -2.3891, 9.5452

Details

The CIELCh color **91, 5.743, 65.476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 5.584, 247.457**, 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, 5.807, 68.005** is the 20% darker color. If you saturate the color by 10%, you get **87, 13.342, 64.472**, and if you desaturate by 10%, it is **95, 1.427, 247.010**.

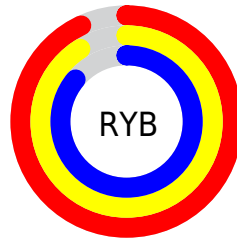
Distribution



Red (93%)

Green (89%)

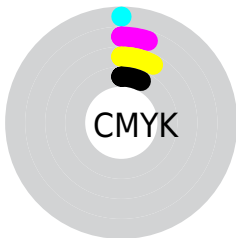
Blue (86%)



Red (93%)

Yellow (91%)

Blue (86%)

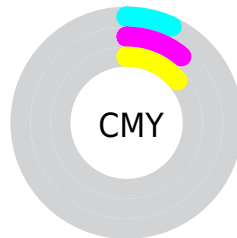


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.743, 65.476 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, 5.743, 65.476 by changing the saturation by 10% instead.

91, 5.743, 65.476

91, 5.743, 65.476

100, 5.743, 65.476

81, 5.743, 65.476

71, 5.743, 65.476

61, 5.743, 65.476

51, 5.743, 65.476

41, 5.743, 65.476

31, 5.743, 65.476

21, 5.743, 65.476

11, 5.743, 65.476

1, 5.743, 65.476

91, 5.743, 65.476

91, 5.743, 65.476

87, 13.342, 64.472

95, 1.427, 247.010

83, 21.412, 63.420

99, 5.699, 199.578

79, 29.984, 62.385

99, 5.728, 199.158

76, 39.060, 61.376

72, 48.586, 60.388

69, 58.392, 59.381

65, 68.068, 58.241

63, 76.774, 56.712

60, 83.292, 54.405

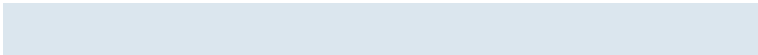
Harmonies

Complementary

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



91, 5.743, 65.476



91, 5.584, 247.457

Rectangle

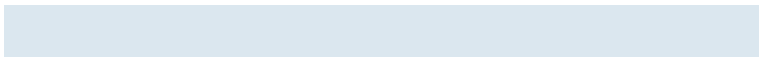
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 5.743, 65.476



91, 5.743, 115.476



91, 5.743, 245.476



91, 5.743, 295.476

Sweetspot

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



91, 5.743, 65.503



99, 1.490, 65.887



89, 8.959, 339.986



53, 0.847, 65.880



0, 0.000, 0.000



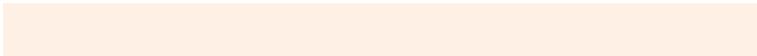
53, 0.007, 296.813

Same Dimension

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



91, 5.743, 65.503



96, 7.656, 65.298



93, 8.956, 105.764



48, 4.130, 65.354



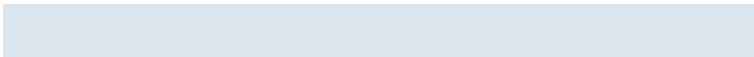
46, 69.132, 54.603



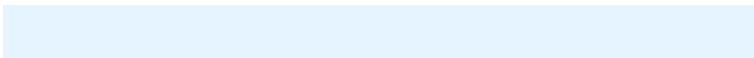
12, 23.656, 53.119

Inverse Universe

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



91, 5.584, 247.457



96, 7.379, 247.702



88, 9.103, 287.477



48, 3.990, 247.634



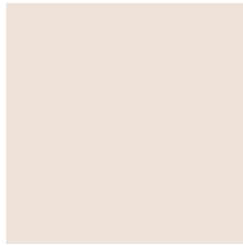
44, 48.051, 275.160



12, 18.664, 266.849

Previews

White Background



This preview shows how the CIELCh color 91, 5.743, 65.476 looks on a white background.

Color Contrast Check

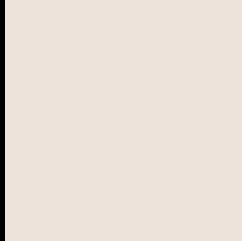
Large Text (above 18pt) WCAG AA × Fail

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, 5.743, 65.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

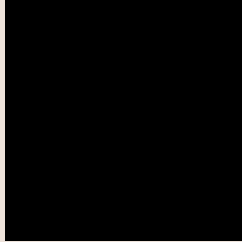
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

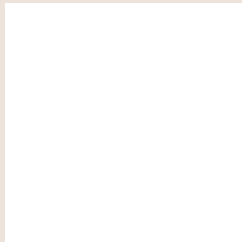
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.743, 65.476

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.743, 65.476.

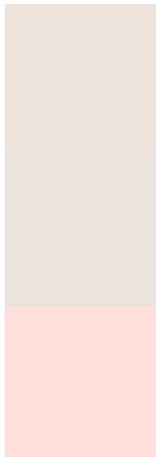


This preview shows how white text looks on a background with the CIELCh color 91, 5.743, 65.476.

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, 5.743, 65.476

Protanopia

91, 4.833, 78.066

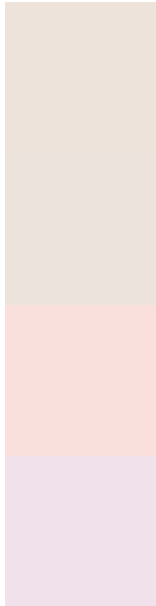
Deuteranopia

91, 12.210, 25.043



Tritanopia
91, 11.343, 324.826

Trichromacy



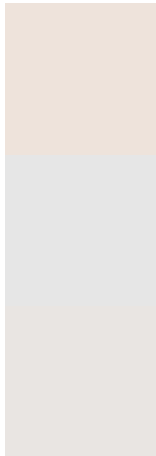
Original Color
91, 5.743, 65.476

Protanomaly
91, 5.034, 74.511

Deuteranomaly
91, 9.408, 32.609

Tritanomaly
91, 7.407, 340.891

Monochromacy



Original Color
91, 5.743, 65.476

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.097, 66.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.743, 65.476 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(238, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 219)  
}
```

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(238, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.743, 65.476 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(238, 227, 219) }
```

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

```
.border{ border-color:rgb(238, 227, 219) }
```

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

Here you see how a box with a 4 pixel rgb(238, 227, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.743, 65.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 219) }
```

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

```
.background{ background-color: rgb(238,  
227, 219) }
```

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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