

Converting Colors

CIELCh(91, 6.831, 70.251)

Have a look what the booklet for
CIELCh(91, 6.831, 70.251) contains.

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Color

CIELCh(91, 6.766, 69.211)

Conversions

Conversions Part 1

Format	Color
Hex	EFE3D9
RGB	239, 227, 217
RGB Percent	94%, 89%, 85%
CMY	0.0618, 0.1088, 0.1481
CMYK	0.00, 0.05, 0.09, 0.06
HSL	27°, 41%, 90%
HSV	27°, 9%, 94%
XYZ	75.7674, 78.4833, 76.9628
YIQ	229.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

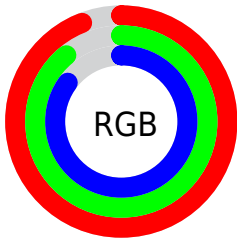
Format	Color
R_{YB}	239, 235, 217
Decimal	15721433
CIE _{Lab}	91.00, 2.40, 6.33
CIE _{LCh}	91, 6.766, 69.211
Yxy	78.4833, 0.3277, 0.3394
Android (android.graphics.Color)	4293911513 (0xFFEFE3D9)
YUV	229.4480, -6.1369, 8.3771
Hunter-Lab	88.5908, -2.3717, 10.5057

Details

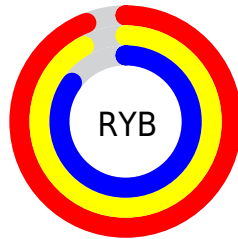
The CIELCh color **91, 6.766, 69.211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 6.578, 251.574**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.906, 71.398** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.518, 68.106**, and if you desaturate by 10%, it is **95, 0.584, 251.246**.

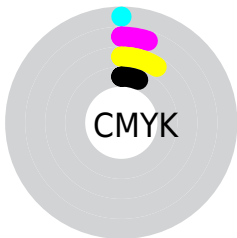
Distribution



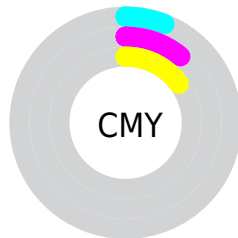
- Red (94%)
- Green (89%)
- Blue (85%)



- Red (94%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.766, 69.211 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, 6.766, 69.211 by changing the saturation by 10% instead.

 91, 6.766, 69.211	 91, 6.766, 69.211
 100, 6.766, 69.211	 81, 6.766, 69.211
	 71, 6.766, 69.211
	 61, 6.766, 69.211
	 51, 6.766, 69.211
	 41, 6.766, 69.211
	 31, 6.766, 69.211
	 21, 6.766, 69.211
	 11, 6.766, 69.211
	 1, 6.766, 69.211

91, 6.766, 69.211

91, 6.766, 69.211

87, 14.518, 68.106

95, 0.584, 251.246

84, 22.706, 66.953

98, 4.906, 209.219

80, 31.351, 65.803

99, 5.420, 199.184

76, 40.444, 64.660

73, 49.907, 63.514

70, 59.531, 62.315

67, 68.849, 60.938

64, 76.951, 59.116

61, 82.816, 56.550

Harmonies

Complementary

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



91, 6.766, 69.211



90, 6.578, 251.574

Rectangle

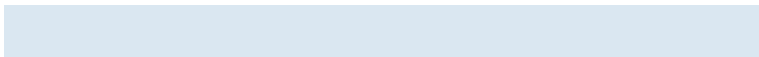
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 6.766, 69.211



91, 6.766, 119.211



91, 6.766, 249.211



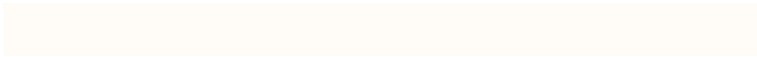
91, 6.766, 299.211

Sweetspot

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



91, 6.766, 69.234



99, 2.282, 69.805



89, 10.139, 341.745



52, 1.735, 69.758



0, 0.000, 0.000



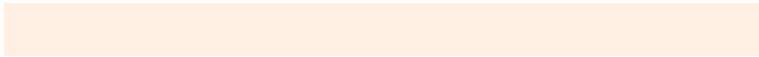
53, 0.007, 296.813

Same Dimension

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



91, 6.766, 69.234



96, 8.566, 69.031



94, 10.721, 107.172



48, 4.190, 69.203



47, 67.969, 57.036



13, 23.495, 56.499

Inverse Universe

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



90, 6.578, 251.574



95, 8.271, 251.815



88, 10.934, 289.098



48, 4.069, 251.610



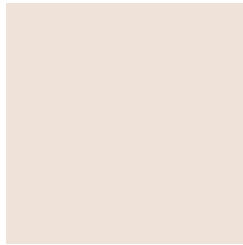
42, 51.457, 279.231



11, 19.753, 271.142

Previews

White Background



This preview shows how the CIELCh color 91, 6.766, 69.211 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, 6.766, 69.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

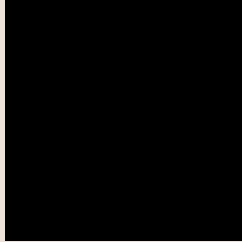
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

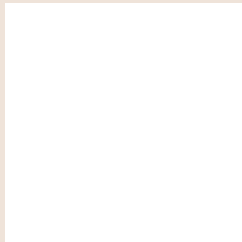
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.766, 69.211

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.766, 69.211.

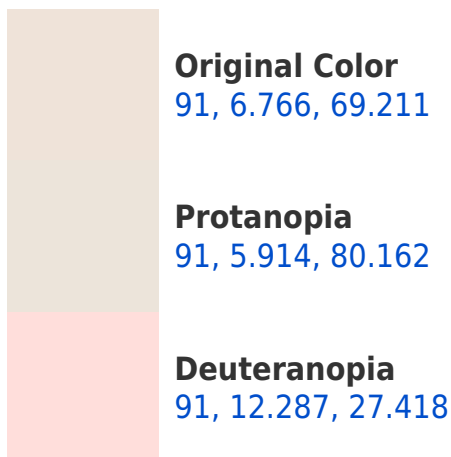


This preview shows how white text looks on a background with the CIELCh color 91, 6.766, 69.211.

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](#).

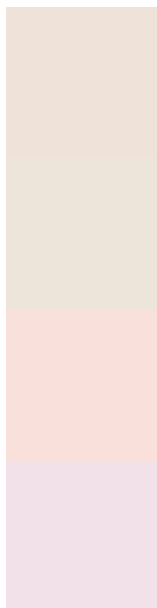
Dichromacy





Tritanopia
91, 11.132, 327.858

Trichromacy



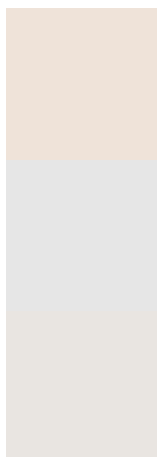
Original Color
91, 6.766, 69.211

Protanomaly
91, 6.103, 77.152

Deuteranomaly
91, 9.718, 38.487

Tritanomaly
91, 7.115, 349.255

Monochromacy



Original Color
91, 6.766, 69.211

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.500, 74.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.766, 69.211 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(239, 227, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 217)  
}
```

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(239, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.766, 69.211 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(239, 227, 217) }
```

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

```
.border{ border-color:rgb(239, 227, 217) }
```

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

Here you see how a box with a 4 pixel rgb(239, 227, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.766, 69.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 217) }
```

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

```
.background{ background-color: rgb(239,  
227, 217) }
```

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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