

Converting Colors

CIELCh(91, 7.111, 109.886)

Have a look what the booklet for
CIELCh(91, 7.111, 109.886) contains.

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Color

CIELCh(91, 7.226, 109.583)

Conversions

Conversions Part 1

Format	Color
Hex	E6E6D8
RGB	230, 230, 216
RGB Percent	90%, 90%, 85%
CMY	0.0975, 0.0975, 0.1524
CMYK	0.00, 0.00, 0.06, 0.10
HSL	60°, 22%, 88%
HSV	60°, 6%, 90%
XYZ	73.4270, 78.4833, 76.3391
YIQ	228.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

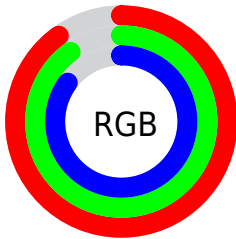
Format	Color
R _Y B	216, 230, 216
Decimal	15132376
CIE Lab	91.00, -2.42, 6.81
CIE LCh	91, 7.226, 109.583
Yxy	78.4833, 0.3217, 0.3438
Android (android.graphics.Color)	4293322456 (0xFFE6E6D8)
YUV	228.4040, -6.1152, 1.3997
Hunter-Lab	88.5908, -7.0872, 10.9231

Details

The CIELCh color **91, 7.226, 109.583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 7.343, 290.811**, 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, 7.619, 112.315** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.075, 108.630**, and if you desaturate by 10%, it is **92, 4.672, 290.577**.

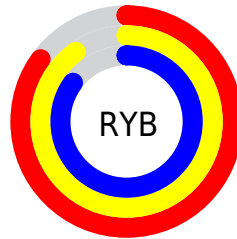
Distribution



Red (90%)

Green (90%)

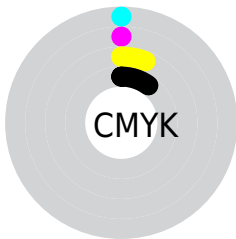
Blue (85%)



Red (85%)

Yellow (90%)

Blue (85%)

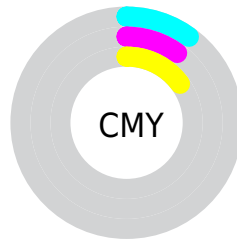


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.226, 109.583 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, 7.226, 109.583 by changing the saturation by 10% instead.

■ 91, 7.226, 109.583

■ 91, 7.226, 109.583

■ 100, 7.226,
109.583

■ 81, 7.226, 109.583

■ 71, 7.226, 109.583

■ 61, 7.226, 109.583

■ 51, 7.226, 109.583

■ 41, 7.226, 109.583

■ 31, 7.226, 109.583

■ 21, 7.226, 109.583

■ 11, 7.226, 109.583

■ 1, 7.226, 109.583

91, 7.226, 109.583

91, 7.226, 109.583

90, 19.075,
108.630

92, 4.672, 290.577

90, 30.794,
107.657

92, 12.870,
291.215

90, 42.271,
106.700

92, 12.870,
291.226

89, 53.328,
105.781

92, 12.870,
291.236

89, 63.689,
104.928

92, 12.870,
291.247

89, 72.953,
104.179

92, 12.870,
291.258

89, 80.588,
103.573

92, 12.870,
291.268

89, 86.034,
103.149

92, 12.870,
291.279

■ 89, 88.967,
102.925

■ 92, 12.870,
291.289

Harmonies

Complementary

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



91, 7.226, 109.583



87, 7.343, 290.811

Rectangle

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



91, 7.226, 109.583



91, 7.226, 159.583



91, 7.226, 289.583



91, 7.226, 339.583

Sweetspot

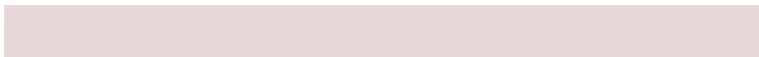
The Sweet Spot groups the original color and five complimentary colors.



91, 7.228, 109.596



100, 2.575, 109.968



87, 5.104, 19.661



53, 1.464, 109.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

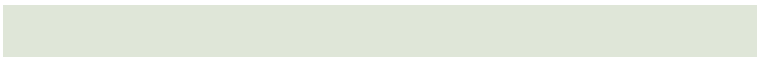
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 7.228, 109.596



100, 9.036, 109.505



90, 7.695, 128.819



48, 5.385, 109.455



71, 74.153, 102.871



20, 29.318, 103.672

Inverse Universe

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



87, 7.343, 290.811



94, 9.195, 290.911



87, 7.774, 309.321



45, 5.485, 290.967



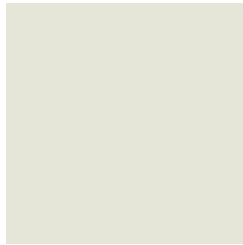
21, 102.390, 306.288



2, 33.678, 296.783

Previews

White Background



This preview shows how the CIELCh color 91, 7.226, 109.583 looks on a white background.

Color Contrast Check

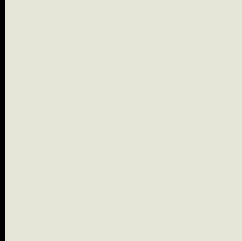
Large Text (above 18pt) WCAG AA × Fail

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, 7.226, 109.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

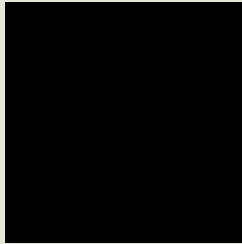
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

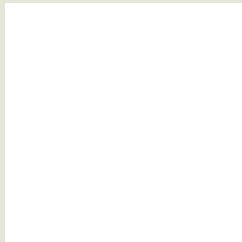
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.226, 109.583

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.226, 109.583.

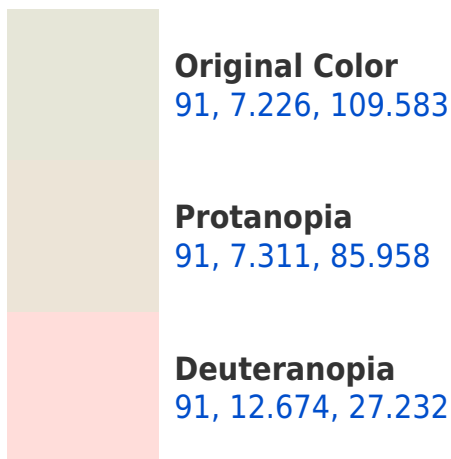


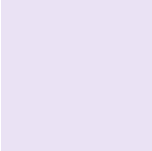
This preview shows how white text looks on a background with the CIELCh color 91, 7.226, 109.583.

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](#).

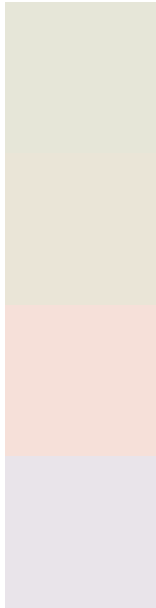
Dichromacy





Tritanopia
91, 9.792, 307.443

Trichromacy



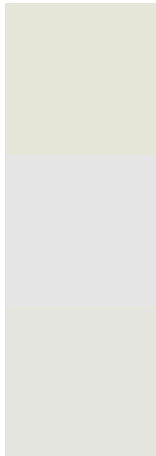
Original Color
91, 7.226, 109.583

Protanomaly
91, 7.443, 95.342

Deuteranomaly
91, 8.870, 43.861

Tritanomaly
91, 3.606, 319.847

Monochromacy



Original Color
91, 7.226, 109.583

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.577, 109.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.226, 109.583 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(230, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 216)  
}
```

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(230, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.226, 109.583 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(230, 230, 216) }
```

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

```
.border{ border-color:rgb(230, 230, 216) }
```

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

Here you see how a box with a 4 pixel rgb(230, 230, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.226, 109.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 216) }
```

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

```
.background{ background-color: rgb(230,  
230, 216) }
```

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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