

Converting Colors

CIELCh(84, 11.620, 6.223)

Have a look what the booklet for
CIELCh(84, 11.620, 6.223) contains.

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Color

CIELCh(84, 11.792, 7.456)

Conversions

Conversions Part 1

Format	Color
Hex	E9CACF
RGB	233, 202, 207
RGB Percent	91%, 79%, 81%
CMY	0.0863, 0.2078, 0.1883
CMYK	0.00, 0.13, 0.11, 0.09
HSL	350°, 41%, 85%
HSV	350°, 13%, 91%
XYZ	65.9836, 64.0658, 67.9159
YIQ	211.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

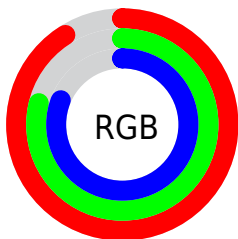
Format	Color
R_{YB}	233, 202, 207
Decimal	15321807
CIE _{Lab}	84.00, 11.69, 1.53
CIE _{LCh}	84, 11.792, 7.456
Yxy	64.0658, 0.3333, 0.3236
Android (android.graphics.Color)	4293511887 (0xFFE9CACF)
YUV	211.8390, -2.3856, 18.5582
Hunter-Lab	80.0411, 7.0783, 5.7205

Details

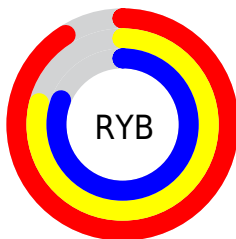
The CIELCh color **84, 11.792, 7.456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 11.112, 185.158**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 11.738, 6.911** is the 20% darker color. If you saturate the color by 10%, you get **78, 21.232, 8.644**, and if you desaturate by 10%, it is **90, 2.845, 6.340**.

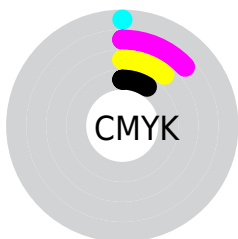
Distribution



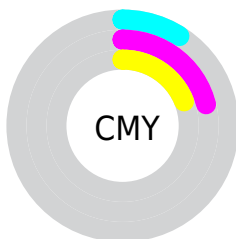
- Red (91%)
- Green (79%)
- Blue (81%)



- Red (91%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (9%)

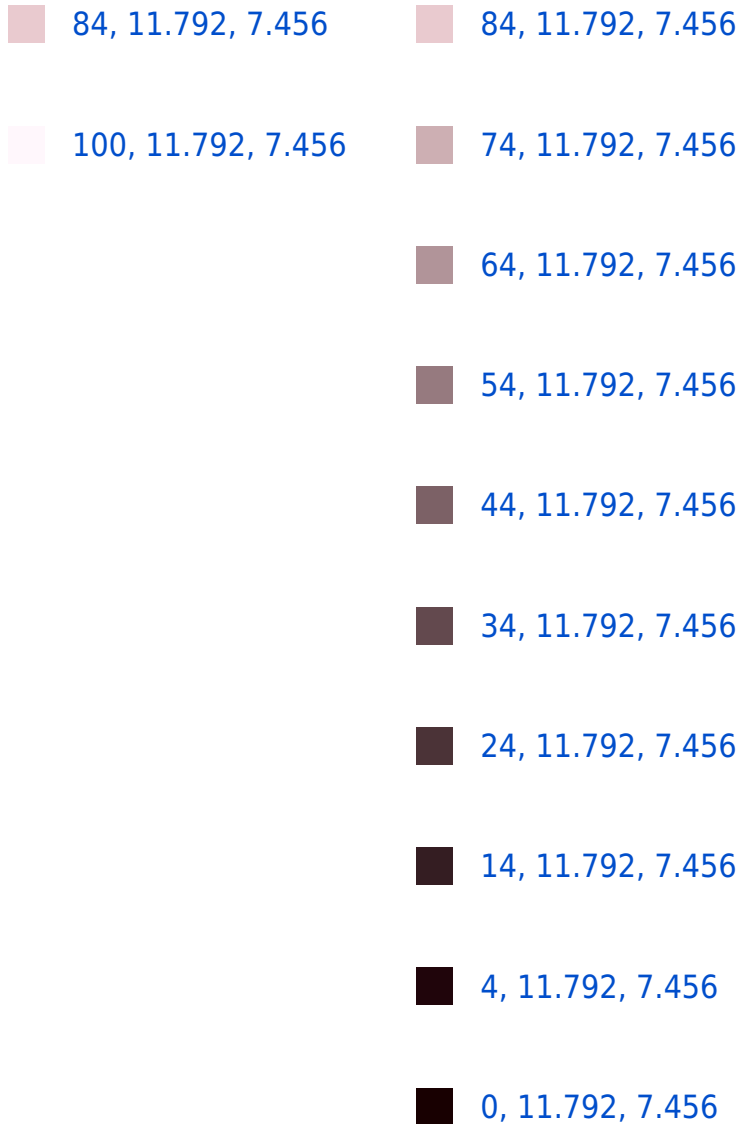


- Cyan (9%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 11.792, 7.456 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 84, 11.792, 7.456 by changing the saturation by 10% instead.



84, 11.792, 7.456

84, 11.792, 7.456

78, 21.232, 8.644

90, 2.845, 6.340

72, 31.099, 10.062

97, 5.585, 185.827

67, 41.241, 11.815

98, 7.522, 199.018

61, 51.407, 14.019

57, 61.250, 16.817

54, 70.391, 20.354

51, 78.542, 24.701

49, 85.591, 29.701

49, 89.799, 33.028

Harmonies

Complementary

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



84, 11.792, 7.456



90, 11.112, 185.158

Rectangle

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



84, 11.792, 7.456



84, 11.792, 57.456



84, 11.792, 187.456



84, 11.792, 237.456

Sweetspot

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



84, 11.790, 7.464



97, 3.714, 6.441



84, 18.791, 320.394



51, 2.645, 6.537



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 11.790, 7.464



89, 15.377, 7.773



86, 9.432, 54.597



46, 5.007, 7.053



38, 73.674, 32.133



7, 27.986, 16.081

Inverse Universe

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



84, 11.790, 7.464



89, 15.377, 7.773



88, 8.808, 237.002



46, 5.007, 7.053



38, 73.674, 32.133



7, 27.986, 16.081

Previews

White Background



This preview shows how the CIELCh color 84, 11.792, 7.456 looks on a white background.

Color Contrast Check

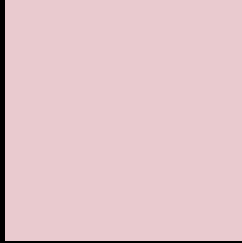
Large Text (above 18pt) WCAG AA × Fail

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 84, 11.792, 7.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

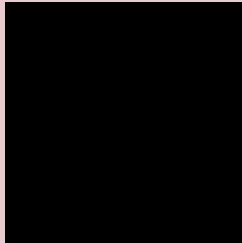
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 11.792, 7.456

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.792, 7.456.



This preview shows how white text looks on a background with the CIELCh color 84, 11.792, 7.456.

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

84, 11.792, 7.456

Protanopia

84, 1.808, 343.568

Deuteranopia

84, 10.583, 8.760



Tritanopia
84, 14.418, 347.409

Trichromacy



Original Color
84, 11.792, 7.456

Protanomaly
84, 5.549, 357.461

Deuteranomaly
84, 10.952, 9.186

Tritanomaly
84, 13.666, 353.024

Monochromacy



Original Color
84, 11.792, 7.456

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 4.518, 6.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.792, 7.456 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, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(233, 202, 207)  
}
```

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, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 202, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.792, 7.456 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, 202, 207) }
```

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

```
.border{ border-color:rgb(233, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 202, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 202, 207); box-shadow:4px 4px 4px 4px rgb(233, 202, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.792, 7.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 202, 207) }
```

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

```
.background{ background-color: rgb(233,  
202, 207) }
```

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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