

Converting Colors

CIELCh(90, 8.177, 45.904)

Have a look what the booklet for
CIELCh(90, 8.177, 45.904) contains.

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Color

CIELCh(90, 8.206, 45.952)

Conversions

Conversions Part 1

Format	Color
Hex	F2DED7
RGB	242, 222, 215
RGB Percent	95%, 87%, 84%
CMY	0.0495, 0.1280, 0.1554
CMYK	0.00, 0.08, 0.11, 0.05
HSL	16°, 52%, 90%
HSV	16°, 11%, 95%
XYZ	75.2750, 76.3034, 75.2944
YIQ	227.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

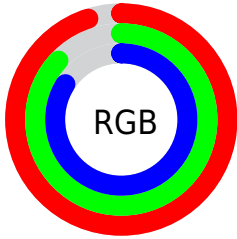
Format	Color
RYB	242, 224, 215
Decimal	15916759
CIELab	90.00, 5.71, 5.90
CIELCh	90, 8.206, 45.952
Yxy	76.3034, 0.3318, 0.3363
Android (android.graphics.Color)	4294106839 (0xFFFF2DED7)
YUV	227.1820, -6.0057, 12.9954
Hunter-Lab	87.3518, 0.9558, 10.0402

Details

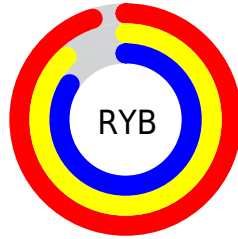
The CIELCh color **90, 8.206, 45.952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 7.682, 227.295**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 8.361, 47.013** is the 20% darker color. If you saturate the color by 10%, you get **85, 16.208, 45.621**, and if you desaturate by 10%, it is **95, 0.806, 45.758**.

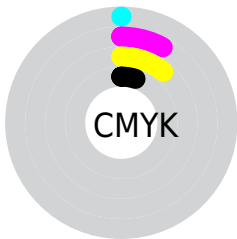
Distribution



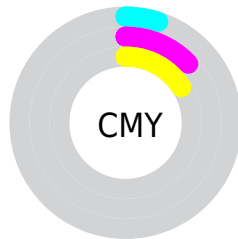
- Red (95%)
- Green (87%)
- Blue (84%)



- Red (95%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.206, 45.952 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 90, 8.206, 45.952 by changing the saturation by 10% instead.



90, 8.206, 45.952

90, 8.206, 45.952

85, 16.208, 45.621

95, 0.806, 45.758

80, 24.869, 45.350

99, 4.356, 199.281

76, 34.227, 45.204

71, 44.283, 45.212

67, 54.970, 45.385

63, 66.080, 45.690

60, 77.106, 45.980

57, 86.918, 45.860

55, 93.489, 45.124

Harmonies

Complementary

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



90, 8.206, 45.952



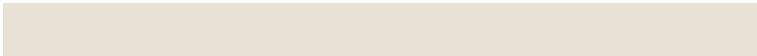
92, 7.682, 227.295

Rectangle

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



90, 8.206, 45.952



90, 8.206, 95.952



90, 8.206, 225.952



90, 8.206, 275.952

Sweetspot

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



90, 8.205, 45.971



98, 2.227, 46.135



89, 14.324, 333.046



52, 1.694, 46.156



0, 0.000, 0.000



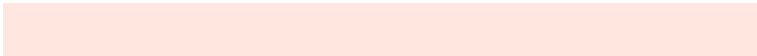
53, 0.007, 296.813

Same Dimension

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



90, 8.205, 45.971



93, 10.051, 45.902



93, 10.680, 95.887



48, 4.191, 46.029



42, 76.235, 45.610



11, 26.625, 39.724

Inverse Universe

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



92, 7.682, 227.295



96, 9.296, 227.418



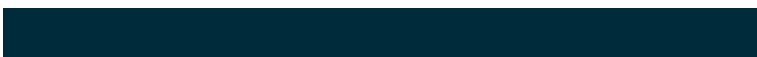
89, 10.770, 278.663



49, 3.966, 227.197



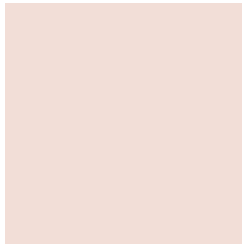
54, 36.519, 248.209



16, 15.678, 241.028

Previews

White Background



This preview shows how the CIELCh color 90, 8.206, 45.952 looks on a white background.

Color Contrast Check

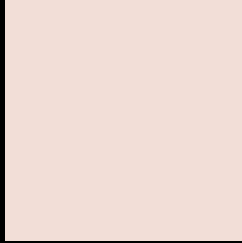
Large Text (above 18pt) WCAG AA × Fail

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 90, 8.206, 45.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

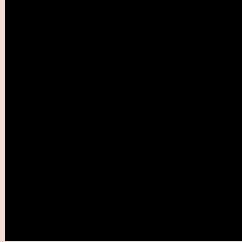
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

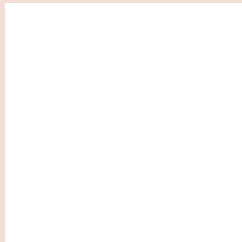
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.206, 45.952

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.206, 45.952.

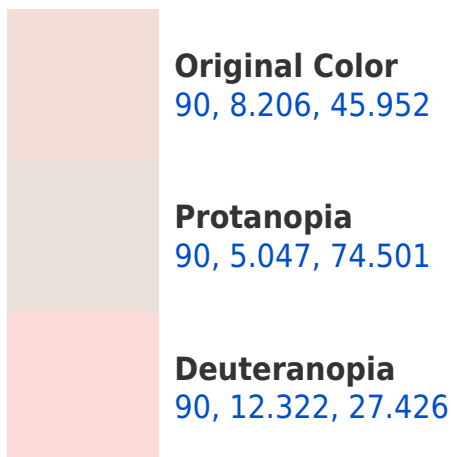



This preview shows how white text looks on a background with the CIELCh color 90, 8.206, 45.952.

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](#).

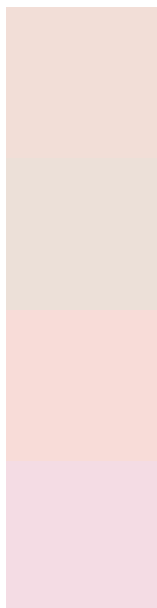
Dichromacy





Tritanopia
90, 12.846, 336.950

Trichromacy



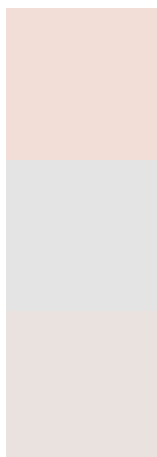
Original Color
90, 8.206, 45.952

Protanomaly
90, 6.022, 62.948

Deuteranomaly
90, 10.549, 31.346

Tritanomaly
90, 9.628, 354.573

Monochromacy



Original Color
90, 8.206, 45.952

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.950, 51.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.206, 45.952 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(242, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 215)  
}
```

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(242, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.206, 45.952 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(242, 222, 215) }
```

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

```
.border{ border-color:rgb(242, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.206, 45.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 215) }
```

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

```
.background{ background-color: rgb(242,  
222, 215) }
```

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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