

Converting Colors

CIELCh(90, 4.833, 59.531)

Have a look what the booklet for
CIELCh(90, 4.833, 59.531) contains.

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Color

CIELCh(90, 4.766, 60.097)

Conversions

Conversions Part 1

Format	Color
Hex	EBE1DB
RGB	235, 225, 219
RGB Percent	92%, 88%, 86%
CMY	0.0801, 0.1193, 0.1428
CMYK	0.00, 0.04, 0.07, 0.08
HSL	23°, 28%, 89%
HSV	23°, 7%, 92%
XYZ	73.6614, 76.3034, 77.5733
YIQ	227.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

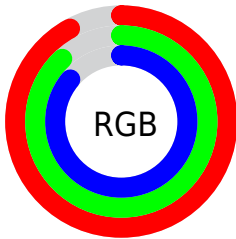
Format	Color
R _Y B	235, 229, 219
Decimal	15458779
CIE Lab	90.00, 2.38, 4.13
CIE LCh	90, 4.766, 60.097
Yxy	76.3034, 0.3237, 0.3353
Android (android.graphics.Color)	4293648859 (0xFFEBE1DB)
YUV	227.3060, -4.0949, 6.7476
Hunter-Lab	87.3518, -2.3414, 8.4934

Details

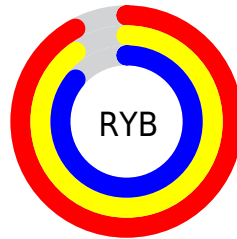
The CIELCh color **90, 4.766, 60.097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.634, 241.684**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 4.752, 62.970** is the 20% darker color. If you saturate the color by 10%, you get **86, 12.159, 59.264**, and if you desaturate by 10%, it is **94, 2.165, 241.426**.

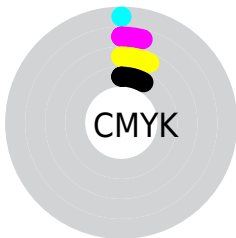
Distribution



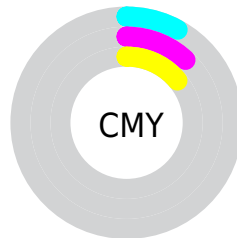
- Red (92%)
- Green (88%)
- Blue (86%)



- Red (92%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 4.766, 60.097 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, 4.766, 60.097 by changing the saturation by 10% instead.



90, 4.766, 60.097

90, 4.766, 60.097

86, 12.159, 59.264

94, 2.165, 241.426

82, 20.063, 58.382

98, 6.628, 203.993

78, 28.516, 57.539

99, 6.994, 199.057

74, 37.536, 56.751

70, 47.088, 56.020

66, 57.038, 55.317

63, 67.040, 54.542

60, 76.330, 53.452

57, 83.592, 51.595

Harmonies

Complementary

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



90, 4.766, 60.097



90, 4.634, 241.684

Rectangle

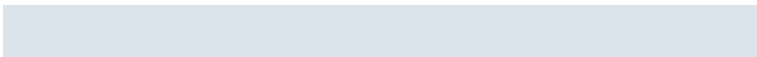
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 4.766, 60.097



90, 4.766, 110.097



90, 4.766, 240.097



90, 4.766, 290.097

Sweetspot

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



90, 4.766, 60.129



99, 1.469, 60.316



89, 7.825, 337.558



53, 0.835, 60.305



0, 0.000, 0.000



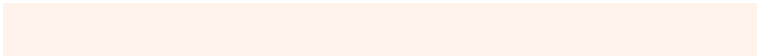
53, 0.007, 296.813

Same Dimension

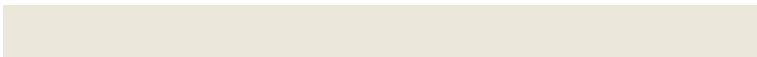
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 4.766, 60.129



96, 6.009, 60.031



92, 7.173, 103.382



47, 4.007, 59.911



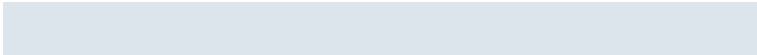
44, 70.117, 51.611



11, 22.748, 48.135

Inverse Universe

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



90, 4.634, 241.684



97, 5.807, 241.802



88, 7.265, 284.912



47, 3.845, 241.949



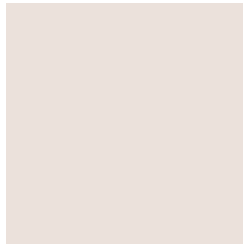
46, 43.322, 268.704



12, 16.758, 259.745

Previews

White Background



This preview shows how the CIELCh color 90, 4.766, 60.097 looks on a white background.

Color Contrast Check

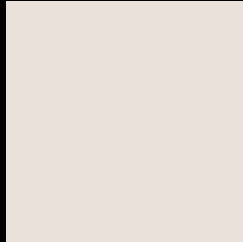
Large Text (above 18pt) WCAG AA × Fail

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, 4.766, 60.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

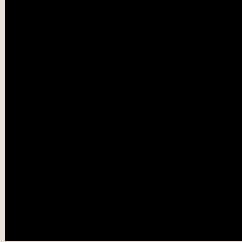
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

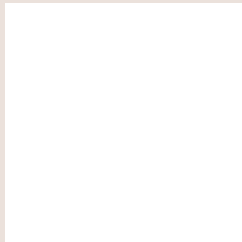
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 4.766, 60.097

Background



This preview shows how black text looks on a background with the CIELCh color 90, 4.766, 60.097.

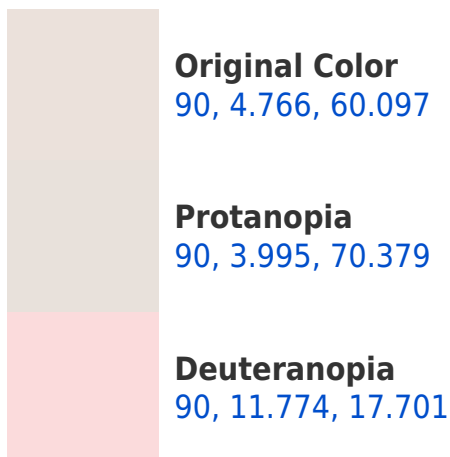


This preview shows how white text looks on a background with the CIELCh color 90, 4.766, 60.097.

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](#).

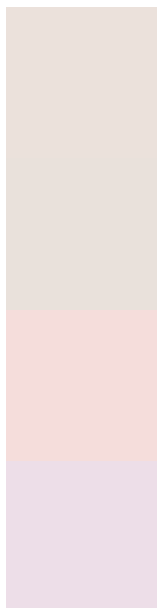
Dichromacy





Tritanopia
90, 11.175, 323.310

Trichromacy



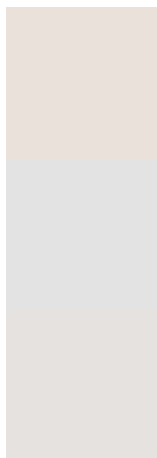
Original Color
90, 4.766, 60.097

Protanomaly
90, 4.235, 66.543

Deuteranomaly
90, 8.861, 26.647

Tritanomaly
90, 7.499, 336.058

Monochromacy



Original Color
90, 4.766, 60.097

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.758, 55.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 4.766, 60.097 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(235, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 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(235, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 4.766, 60.097 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(235, 225, 219) }
```

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

```
.border{ border-color:rgb(235, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 225,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 4.766, 60.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 219) }
```

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

```
.background{ background-color: rgb(235,  
225, 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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