

Converting Colors

CIELCh(92, 4.580, 96.118)

Have a look what the booklet for
CIELCh(92, 4.580, 96.118) contains.

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Color

CIELCh(92, 4.749, 96.588)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8DF
RGB	235, 232, 223
RGB Percent	92%, 91%, 87%
CMY	0.0784, 0.0902, 0.1255
CMYK	0.00, 0.01, 0.05, 0.08
HSL	45°, 23%, 90%
HSV	45°, 5%, 92%
XYZ	76.4381, 80.7044, 81.3622
YIQ	231.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

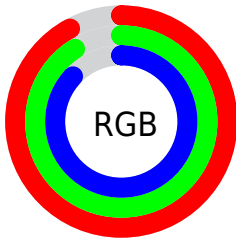
Format	Color
R _Y B	227, 235, 223
Decimal	15460575
CIE Lab	92.00, -0.54, 4.72
CIE LCh	92, 4.749, 96.588
Yxy	80.7044, 0.3205, 0.3384
Android (android.graphics.Color)	4293650655 (0xFFE8E8DF)
YUV	231.8710, -4.3734, 2.7441
Hunter-Lab	89.8356, -5.3328, 9.1873

Details

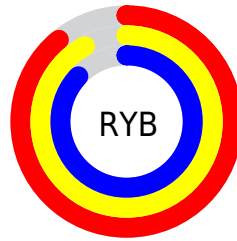
The CIELCh color **92, 4.749, 96.588** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 4.785, 277.914**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.477, 94.910** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.163, 95.436**, and if you desaturate by 10%, it is **94, 4.543, 277.865**.

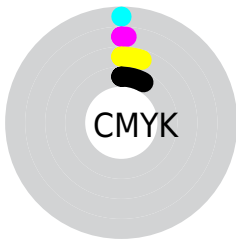
Distribution



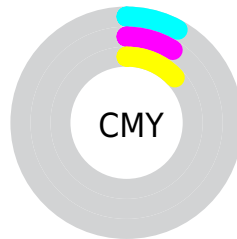
- Red (92%)
- Green (91%)
- Blue (87%)



- Red (89%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.749, 96.588 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 92, 4.749, 96.588 by changing the saturation by 10% instead.

92, 4.749, 96.588

92, 4.749, 96.588

100, 4.749, 96.588

82, 4.749, 96.588

72, 4.749, 96.588

62, 4.749, 96.588

52, 4.749, 96.588

42, 4.749, 96.588

32, 4.749, 96.588

22, 4.749, 96.588

12, 4.749, 96.588

2, 4.749, 96.588

92, 4.749, 96.588

92, 4.749, 96.588

90, 14.163, 95.436

94, 4.543, 277.865

88, 23.672, 94.196

96, 6.454, 263.027

86, 33.229, 92.919

97, 5.664, 228.401

84, 42.740, 91.609

99, 6.850, 199.068

83, 52.032, 90.269

81, 60.796, 88.890

79, 68.521, 87.443

78, 74.463, 85.869

76, 77.831, 84.061

Harmonies

Complementary

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



92, 4.749, 96.588



90, 4.785, 277.914

Rectangle

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



92, 4.749, 96.588



92, 4.749, 146.588



92, 4.749, 276.588



92, 4.749, 326.588

Sweetspot

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



92, 4.751, 96.612



100, 1.977, 96.908



90, 4.606, 359.873



53, 1.124, 96.914



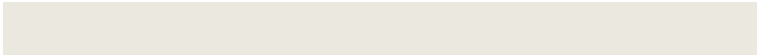
0, 0.000, 0.000



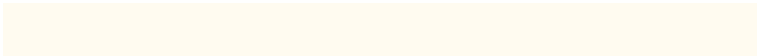
53, 0.007, 296.813

Same Dimension

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



92, 4.751, 96.612



99, 5.970, 96.510



93, 6.276, 119.600



49, 3.700, 96.442



59, 64.841, 83.480



17, 24.708, 86.296

Inverse Universe

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



90, 4.785, 277.914



96, 6.012, 278.024



89, 6.358, 300.227



47, 3.726, 278.097



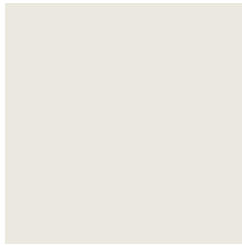
27, 85.211, 300.576



5, 29.485, 292.223

Previews

White Background



This preview shows how the CIELCh color 92, 4.749, 96.588 looks on a white background.

Color Contrast Check

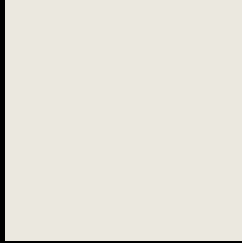
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 4.749, 96.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

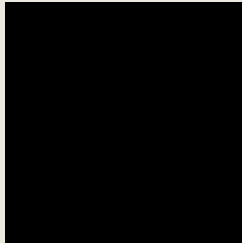
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

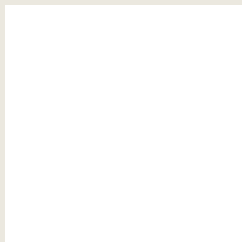
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.749, 96.588

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.749, 96.588.

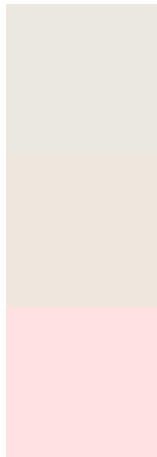


This preview shows how white text looks on a background with the CIELCh color 92, 4.749, 96.588.

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

92, 4.749, 96.588

Protanopia

92, 5.269, 80.953

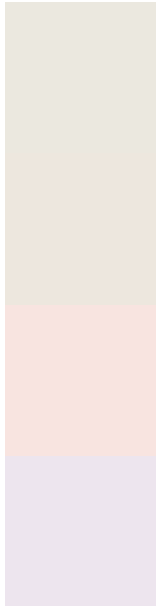
Deuteranopia

92, 10.970, 20.126



Tritanopia
92, 10.002, 311.283

Trichromacy



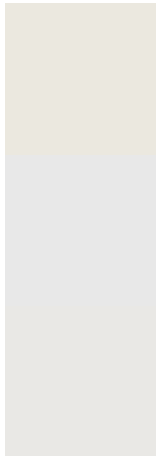
Original Color
92, 4.749, 96.588

Protanomaly
92, 5.106, 84.555

Deuteranomaly
92, 7.571, 35.571

Tritanomaly
92, 5.485, 321.534

Monochromacy



Original Color
92, 4.749, 96.588

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.575, 96.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.749, 96.588 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, 232, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 223)  
}
```

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, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.749, 96.588 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, 232, 223) }
```

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

```
.border{ border-color:rgb(235, 232, 223) }
```

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

Here you see how a box with a 4 pixel rgb(235, 232, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.749, 96.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 223) }
```

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

```
.background{ background-color: rgb(235,  
232, 223) }
```

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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