

Converting Colors

CIELCh(89, 17.047, 91.562)

Have a look what the booklet for
CIELCh(89, 17.047, 91.562) contains.

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Color

CIELCh(89, 17.304, 92.144)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFBF
RGB	236, 223, 191
RGB Percent	93%, 87%, 75%
CMY	0.0756, 0.1265, 0.2520
CMYK	0.00, 0.06, 0.19, 0.08
HSL	43°, 54%, 84%
HSV	43°, 19%, 92%
XYZ	70.1887, 74.1641, 59.7524
YIQ	223.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

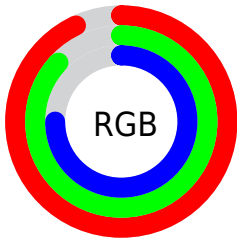
Format	Color
R _Y B	209, 236, 191
Decimal	15523775
CIE Lab	89.00, -0.65, 17.29
CIE LCh	89, 17.304, 92.144
Yxy	74.1641, 0.3439, 0.3634
Android (android.graphics.Color)	4293713855 (0xFFE0C0F0)
YUV	223.2390, -15.8938, 11.1914
Hunter-Lab	86.1186, -5.2257, 19.1454

Details

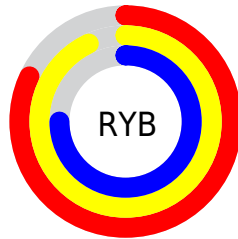
The CIELCh color **89, 17.304, 92.144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **82, 17.401, 277.180**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **69, 17.093, 91.885** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.568, 90.859**, and if you desaturate by 10%, it is **91, 8.166, 93.394**.

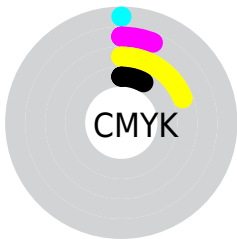
Distribution



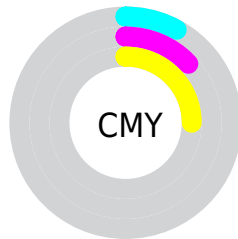
- Red (93%)
- Green (87%)
- Blue (75%)



- Red (82%)
- Yellow (93%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.304, 92.144 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 89, 17.304, 92.144 by changing the saturation by 10% instead.

 89, 17.304, 92.144

 89, 17.304, 92.144

 100, 17.304,
92.144

 79, 17.304, 92.144

 69, 17.304, 92.144

 59, 17.304, 92.144

 49, 17.304, 92.144

 39, 17.304, 92.144

 29, 17.304, 92.144

 19, 17.304, 92.144

 9, 17.304, 92.144

 0, 17.304, 92.144

89, 17.304, 92.144

89, 17.304, 92.144

87, 26.568, 90.859

91, 8.166, 93.394

85, 35.902, 89.525

94, 0.827, 274.925

83, 45.202, 88.154

96, 6.548, 267.788

81, 54.268, 86.738

97, 5.474, 227.366

79, 62.739, 85.254

99, 6.608, 199.087

77, 70.017, 83.646

75, 75.268, 81.808

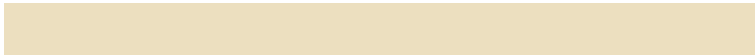
73, 77.944, 79.621

73, 78.146, 79.417

Harmonies

Complementary

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



89, 17.304, 92.144



82, 17.401, 277.180

Rectangle

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



89, 17.304, 92.144



89, 17.304, 142.144



89, 17.304, 272.144



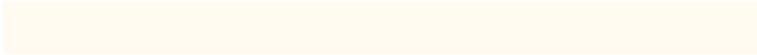
89, 17.304, 322.144

Sweetspot

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



89, 17.305, 92.152



99, 5.730, 93.755



81, 18.182, 357.888



52, 3.804, 93.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 17.305, 92.152



95, 22.298, 91.638



92, 23.336, 116.684



48, 5.089, 93.349



58, 64.191, 79.874



16, 24.015, 82.775

Inverse Universe

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



82, 17.401, 277.180



85, 22.446, 277.840



79, 24.314, 299.466



46, 5.110, 275.766



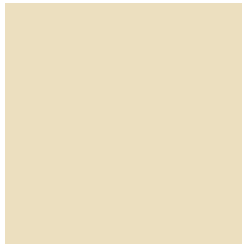
29, 80.792, 298.850



6, 28.316, 290.877

Previews

White Background



This preview shows how the CIELCh color 89, 17.304, 92.144 looks on a white background.

Color Contrast Check

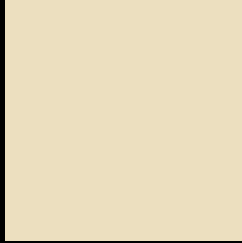
Large Text (above 18pt) WCAG AA × Fail

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 89, 17.304, 92.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

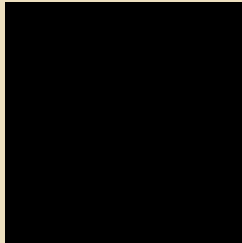
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

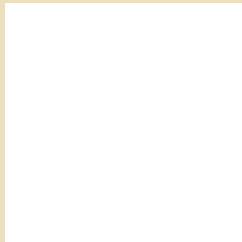
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.304, 92.144

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.304, 92.144.

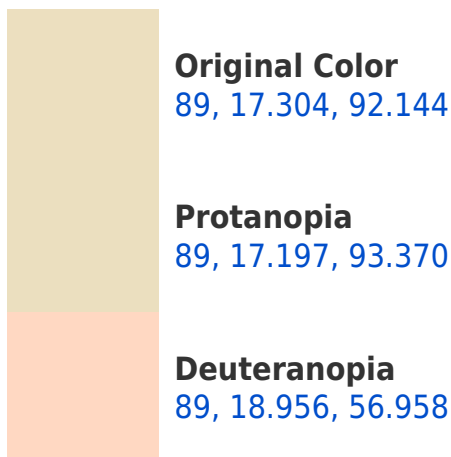



This preview shows how white text looks on a background with the CIELCh color 89, 17.304, 92.144.

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](#).

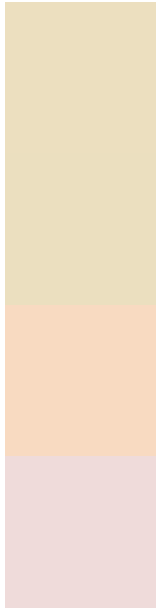
Dichromacy





Tritanopia
89, 12.359, 334.600

Trichromacy



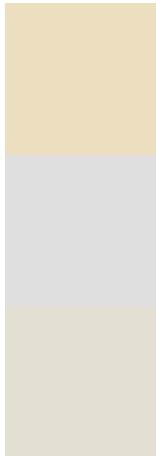
Original Color
89, 17.304, 92.144

Protanomaly
89, 17.197, 93.370

Deuteranomaly
89, 17.413, 67.737

Tritanomaly
89, 7.332, 23.896

Monochromacy



Original Color
89, 17.304, 92.144

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.477, 93.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.304, 92.144 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(236, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 191)  
}
```

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(236, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.304, 92.144 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(236, 223, 191) }
```

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

```
.border{ border-color:rgb(236, 223, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.304, 92.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 191) }
```

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

```
.background{ background-color: rgb(236,  
223, 191) }
```

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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