

Converting Colors

CIELCh(89, 25.160, 89.450)

Have a look what the booklet for
CIELCh(89, 25.160, 89.450) contains.

CIELCh(89, 25.091, 90.004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 25.091, 90.004)

Conversions

Conversions Part 1

Format	Color
Hex	F2DEB0
RGB	242, 222, 176
RGB Percent	95%, 87%, 69%
CMY	0.0515, 0.1299, 0.3102
CMYK	0.00, 0.08, 0.27, 0.05
HSL	42°, 72%, 82%
HSV	42°, 27%, 95%
XYZ	70.4900, 74.1641, 51.6145
YIQ	222.7360, 26.6860, -10.0660

Conversions

Conversions Part 2

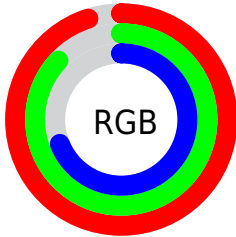
Format	Color
R _Y B	205, 242, 176
Decimal	15916720
CIE Lab	89.00, -0.00, 25.09
CIE LCh	89, 25.091, 90.004
Yxy	74.1641, 0.3592, 0.3779
Android (android.graphics.Color)	4294106800 (0xFFFF2DEB0)
YUV	222.7360, -23.0408, 16.8945
Hunter-Lab	86.1186, -4.6014, 24.7480

Details

The CIELCh color **89, 25.091, 90.004** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 25.187, 277.569**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **69, 25.169, 90.221** is the 20% darker color. If you saturate the color by 10%, you get **87, 34.529, 88.669**, and if you desaturate by 10%, it is **91, 15.760, 91.309**.

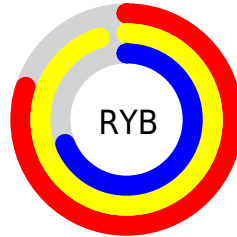
Distribution



Red (95%)

Green (87%)

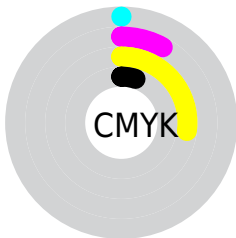
Blue (69%)



Red (80%)

Yellow (95%)

Blue (69%)

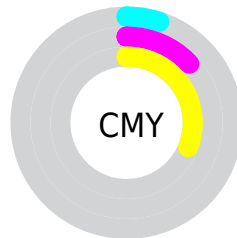


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 25.091, 90.004 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, 25.091, 90.004 by changing the saturation by 10% instead.

 89, 25.091, 90.004

 89, 25.091, 90.004

 100, 25.091,
90.004

 79, 25.091, 90.004

 69, 25.091, 90.004

 59, 25.091, 90.004

 49, 25.091, 90.004

 39, 25.091, 90.004

 29, 25.091, 90.004

 19, 25.091, 90.004

 9, 25.091, 90.004

 0, 25.091, 90.004

89, 25.091, 90.004

89, 25.091, 90.004

87, 34.529, 88.669

91, 15.760, 91.309

85, 43.981, 87.288

94, 6.576, 92.550

82, 53.271, 85.861

96, 2.446, 273.909

80, 62.072, 84.365

98, 3.727, 230.820

78, 69.823, 82.747

99, 4.524, 199.265

77, 75.697, 80.901

75, 78.884, 78.667

74, 79.493, 78.024

Harmonies

Complementary

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



89, 25.091, 90.004



79, 25.187, 277.569

Rectangle

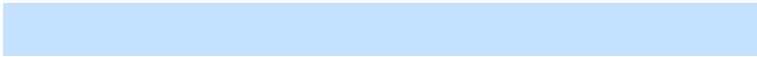
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 25.091, 90.004



89, 25.091, 140.004



89, 25.091, 270.004



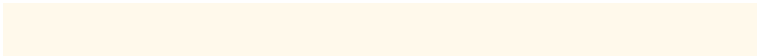
89, 25.091, 320.004

Sweetspot

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



89, 25.092, 90.010



98, 7.546, 92.461



78, 27.092, 357.766



52, 5.372, 92.279



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, 25.092, 90.010



92, 31.815, 89.236



93, 33.869, 115.412



49, 5.105, 92.286



58, 64.696, 78.519



17, 25.017, 81.368

Inverse Universe

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



79, 25.187, 277.569



79, 31.987, 278.686



75, 36.020, 299.668



47, 5.120, 274.734



30, 80.044, 298.192



6, 29.314, 291.418

Previews

White Background



This preview shows how the CIELCh color 89, 25.091, 90.004 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, 25.091, 90.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

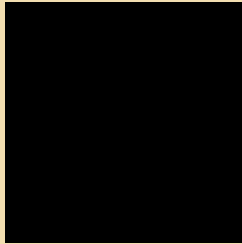
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

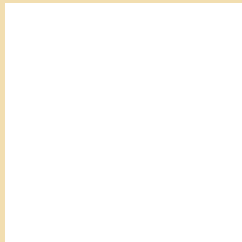
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 25.091, 90.004

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.091, 90.004.

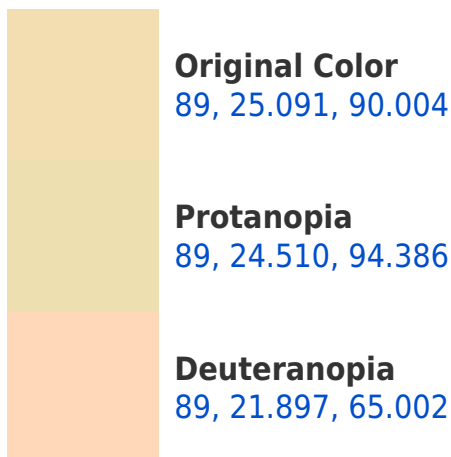


This preview shows how white text looks on a background with the CIELCh color 89, 25.091, 90.004.

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, 15.416, 345.627

Trichromacy



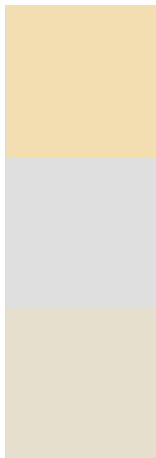
Original Color
89, 25.091, 90.004

Protanomaly
89, 24.609, 93.499

Deuteranomaly
89, 22.583, 75.033

Tritanomaly
89, 11.234, 36.120

Monochromacy



Original Color
89, 25.091, 90.004

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 9.179, 93.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.091, 90.004 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.091, 90.004 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, 176) }
```

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

```
.border{ border-color:rgb(242, 222, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.091, 90.004 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, 176) }
```

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

```
.background{ background-color: rgb(242,  
222, 176) }
```

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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