

Converting Colors

CIELCh(89, 6.952, 39.212)

Have a look what the booklet for
CIELCh(89, 6.952, 39.212) contains.

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Color

CIELCh(89, 7.095, 41.166)

Conversions

Conversions Part 1

Format	Color
Hex	EEDCD7
RGB	238, 220, 215
RGB Percent	93%, 86%, 84%
CMY	0.0672, 0.1378, 0.1574
CMYK	0.00, 0.08, 0.10, 0.07
HSL	13°, 40%, 89%
HSV	13°, 10%, 93%
XYZ	73.0160, 74.1641, 74.6624
YIQ	224.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

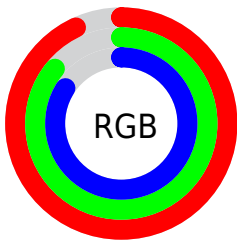
Format	Color
R _Y B	238, 221, 215
Decimal	15654103
CIE Lab	89.00, 5.34, 4.67
CIE LCh	89, 7.095, 41.166
Yxy	74.1641, 0.3291, 0.3343
Android (android.graphics.Color)	4293844183 (0xFFEEDCD7)
YUV	224.8120, -4.8373, 11.5659
Hunter-Lab	86.1186, 0.6344, 8.8803

Details

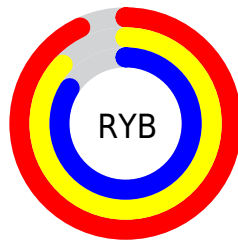
The CIELCh color $89, 7.095, 41.166$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91, 6.684, 221.987$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 7.167, 42.249$ is the 20% darker color. If you saturate the color by 10%, you get $84, 15.040, 41.049$, and if you desaturate by 10%, it is $94, 0.237, 224.136$.

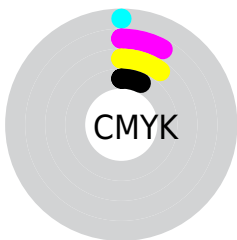
Distribution



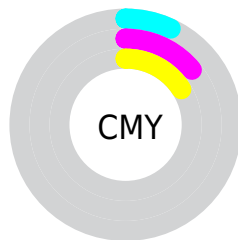
- Red (93%)
- Green (86%)
- Blue (84%)



- Red (93%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.095, 41.166 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, 7.095, 41.166 by changing the saturation by 10% instead.



89, 7.095, 41.166

89, 7.095, 41.166

84, 15.040, 41.049

94, 0.237, 224.136

79, 23.655, 41.003

99, 5.888, 199.145

74, 32.978, 41.105

69, 43.009, 41.394

65, 53.685, 41.897

61, 64.816, 42.600

58, 75.959, 43.388

55, 86.099, 43.899

53, 93.708, 43.657

Harmonies

Complementary

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



89, 7.095, 41.166



91, 6.684, 221.987

Rectangle

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



89, 7.095, 41.166



89, 7.095, 91.166



89, 7.095, 221.166



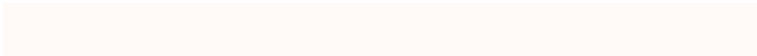
89, 7.095, 271.166

Sweetspot

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



89, 7.094, 41.187



98, 2.266, 41.163



88, 12.521, 331.703



52, 1.723, 41.201



0, 0.000, 0.000



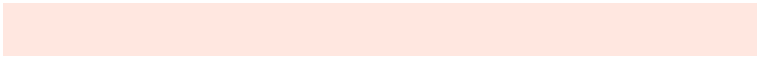
53, 0.007, 296.813

Same Dimension

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



89, 7.094, 41.187



93, 9.407, 41.152



92, 8.809, 93.720



47, 4.192, 41.190



41, 76.938, 44.081



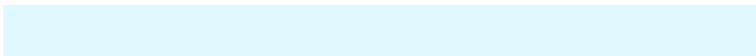
10, 25.954, 36.164

Inverse Universe

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



91, 6.684, 221.987



96, 8.724, 222.081



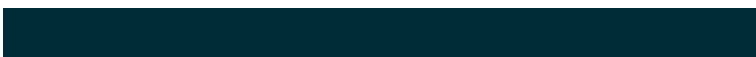
88, 8.851, 276.181



49, 3.955, 221.980



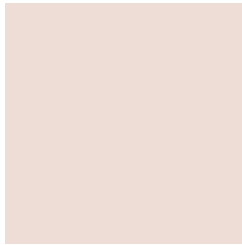
55, 34.695, 239.359



16, 14.908, 232.785

Previews

White Background



This preview shows how the CIELCh color 89, 7.095, 41.166 looks on a white background.

Color Contrast Check

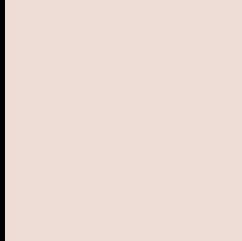
Large Text (above 18pt) WCAG AA × Fail

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 89, 7.095, 41.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

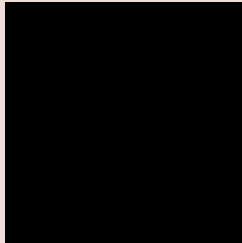
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

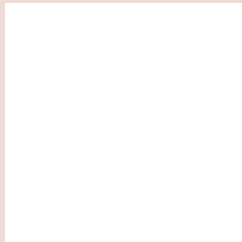
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.095, 41.166

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.095, 41.166.

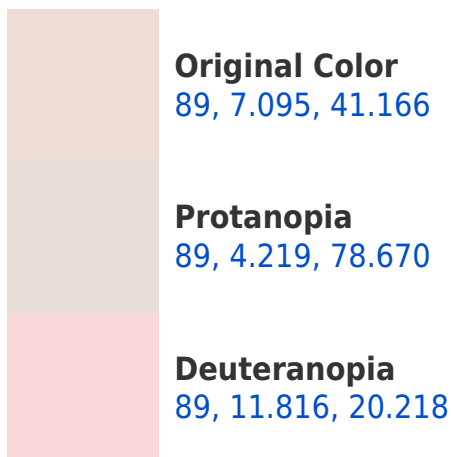



This preview shows how white text looks on a background with the CIELCh color 89, 7.095, 41.166.

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



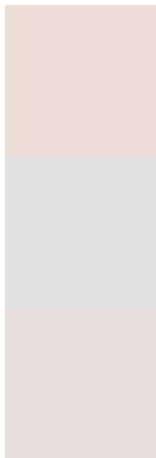
Original Color
89, 7.095, 41.166

Protanomaly
89, 4.779, 60.091

Deuteranomaly
89, 9.957, 23.040

Tritanomaly
89, 9.237, 349.637

Monochromacy



Original Color
89, 7.095, 41.166

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 2.722, 41.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.095, 41.166 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(238, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 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(238, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.095, 41.166 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(238, 220, 215) }
```

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

```
.border{ border-color:rgb(238, 220, 215) }
```

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

Here you see how a box with a 4 pixel rgb(238, 220, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.095, 41.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 215) }
```

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

```
.background{ background-color: rgb(238,  
220, 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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