

Converting Colors

CIELCh(91, 11.066, 90.279)

Have a look what the booklet for
CIELCh(91, 11.066, 90.279) contains.

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Color

CIELCh(91, 10.964, 89.519)

Conversions

Conversions Part 1

Format	Color
Hex	EEE4D0
RGB	238, 228, 208
RGB Percent	93%, 89%, 82%
CMY	0.0653, 0.1045, 0.1830
CMYK	0.00, 0.04, 0.13, 0.07
HSL	40°, 47%, 88%
HSV	40°, 13%, 93%
XYZ	74.6407, 78.4833, 71.1070
YIQ	228.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

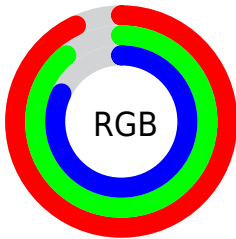
Format	Color
R _Y B	223, 238, 208
Decimal	15656144
CIE Lab	91.00, 0.09, 10.96
CIE LCh	91, 10.964, 89.519
Yxy	78.4833, 0.3329, 0.3500
Android (android.graphics.Color)	4293846224 (0xFFEEE4D0)
YUV	228.7100, -10.2100, 8.1473
Hunter-Lab	88.5908, -4.6417, 14.4247

Details

The CIELCh color **91, 10.964, 89.519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 10.947, 272.857**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 10.915, 90.150** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.891, 88.237**, and if you desaturate by 10%, it is **94, 2.224, 90.694**.

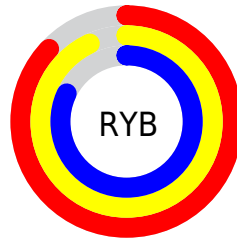
Distribution



Red (93%)

Green (89%)

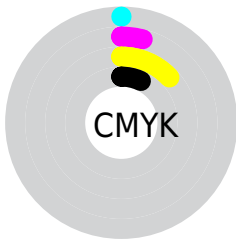
Blue (82%)



Red (87%)

Yellow (93%)

Blue (82%)

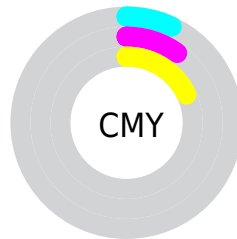


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 10.964, 89.519 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 91, 10.964, 89.519 by changing the saturation by 10% instead.

 91, 10.964, 89.519

 91, 10.964, 89.519

 100, 10.964,
89.519

 81, 10.964, 89.519

 71, 10.964, 89.519

 61, 10.964, 89.519

 51, 10.964, 89.519

 41, 10.964, 89.519

 31, 10.964, 89.519

 21, 10.964, 89.519

 11, 10.964, 89.519

 1, 10.964, 89.519

91, 10.964, 89.519

91, 10.964, 89.519

89, 19.891, 88.237

94, 2.224, 90.694

86, 28.983, 86.895

96, 5.846, 270.391

84, 38.187, 85.511

98, 4.940, 216.242

81, 47.389, 84.081

99, 5.723, 199.159

79, 56.362, 82.590

77, 64.693, 80.992

75, 71.689, 79.195

73, 76.432, 77.031

72, 78.403, 75.149

Harmonies

Complementary

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



91, 10.964, 89.519



87, 10.947, 272.857

Rectangle

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



91, 10.964, 89.519



91, 10.964, 139.519



91, 10.964, 269.519



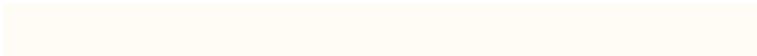
91, 10.964, 319.519

Sweetspot

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



91, 10.965, 89.532



99, 3.639, 90.561



86, 12.154, 354.867



53, 2.589, 90.480



0, 0.000, 0.000



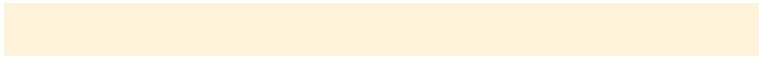
53, 0.007, 296.813

Same Dimension

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



91, 10.965, 89.532



96, 13.838, 89.218



93, 15.507, 115.794



49, 4.953, 89.920



56, 64.489, 75.670



16, 24.574, 78.475

Inverse Universe

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



87, 10.947, 272.857



91, 13.801, 273.226



85, 15.941, 297.691



47, 4.952, 272.415



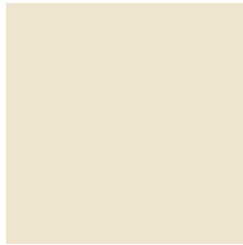
31, 76.409, 296.592



7, 28.184, 289.965

Previews

White Background



This preview shows how the CIELCh color 91, 10.964, 89.519 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 91, 10.964, 89.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

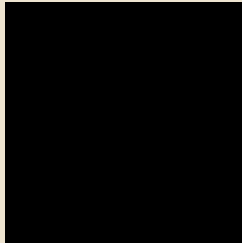
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

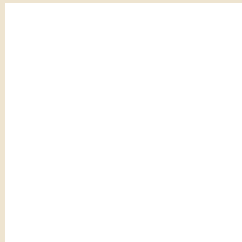
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 10.964, 89.519

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.964, 89.519.

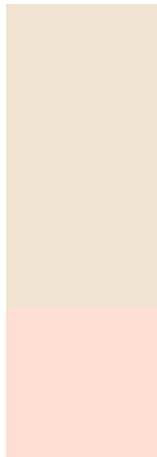


This preview shows how white text looks on a background with the CIELCh color 91, 10.964, 89.519.

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

91, 10.964, 89.519

Protanopia

91, 10.964, 89.519

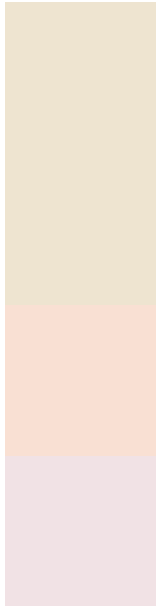
Deuteranopia

91, 13.390, 42.738



Tritanopia
91, 11.132, 327.858

Trichromacy



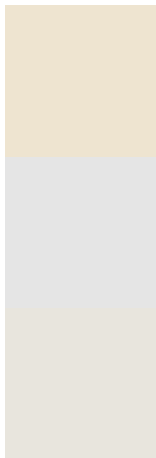
Original Color
91, 10.964, 89.519

Protanomaly
91, 10.964, 89.519

Deuteranomaly
91, 11.499, 55.489

Tritanomaly
91, 5.628, 3.720

Monochromacy



Original Color
91, 10.964, 89.519

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.259, 95.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 10.964, 89.519 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, 228, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 208)  
}
```

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, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.964, 89.519 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, 228, 208) }
```

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

```
.border{ border-color:rgb(238, 228, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 228, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.964, 89.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 208) }
```

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

```
.background{ background-color: rgb(238,  
228, 208) }
```

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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