

Converting Colors

CIELCh(88, 21.275, 95.820)

Have a look what the booklet for
CIELCh(88, 21.275, 95.820) contains.

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Color

CIELCh(88, 21.256, 95.825)

Conversions

Conversions Part 1

Format	Color
Hex	E9DDB5
RGB	233, 221, 181
RGB Percent	91%, 87%, 71%
CMY	0.0879, 0.1349, 0.2918
CMYK	0.00, 0.05, 0.22, 0.09
HSL	46°, 54%, 81%
HSV	46°, 22%, 91%
XYZ	67.5117, 72.0653, 53.8510
YIQ	220.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

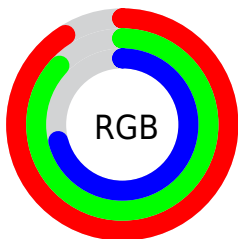
Format	Color
RYB	197, 233, 181
Decimal	15326645
CIELab	88.00, -2.16, 21.15
CIELCh	88, 21.256, 95.825
Yxy	72.0653, 0.3490, 0.3726
Android (android.graphics.Color)	4293516725 (0xFFE9DDB5)
YUV	220.0280, -19.2408, 11.3764
Hunter-Lab	84.8913, -6.6035, 21.8131

Details

The CIELCh color **88, 21.256, 95.825** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 21.668, 281.559**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **68, 21.253, 95.639** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.872, 94.586**, and if you desaturate by 10%, it is **90, 11.686, 97.039**.

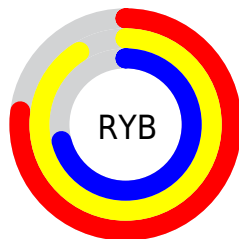
Distribution



Red (91%)

Green (87%)

Blue (71%)



Red (77%)

Yellow (91%)

Blue (71%)

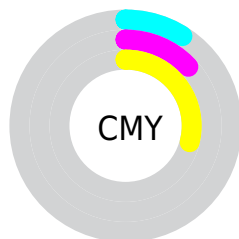


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.256, 95.825 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 88, 21.256, 95.825 by changing the saturation by 10% instead.

 88, 21.256, 95.825

 88, 21.256, 95.825

 100, 21.256,
95.825

 78, 21.256, 95.825

 68, 21.256, 95.825

 58, 21.256, 95.825

 48, 21.256, 95.825

 38, 21.256, 95.825

 28, 21.256, 95.825

 18, 21.256, 95.825

 8, 21.256, 95.825

 0, 21.256, 95.825

88, 21.256, 95.825

88, 21.256, 95.825

86, 30.872, 94.586

90, 11.686, 97.039

84, 40.445, 93.310

92, 2.202, 98.143

83, 49.824, 92.010

94, 7.174, 279.392

81, 58.738, 90.682

95, 7.341, 264.579

80, 66.734, 89.310

97, 6.323, 237.244

78, 73.136, 87.855

98, 6.971, 208.484

77, 77.155, 86.238

98, 7.663, 199.007

76, 78.618, 84.863

Harmonies

Complementary

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



88, 21.256, 95.825



78, 21.668, 281.559

Rectangle

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



88, 21.256, 95.825



88, 21.256, 145.825



88, 21.256, 275.825



88, 21.256, 325.825

Sweetspot

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



88, 21.257, 95.831



99, 7.113, 97.657



78, 20.662, 3.084



52, 4.624, 97.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 21.257, 95.831



95, 27.723, 95.239



90, 27.241, 119.172



48, 5.404, 97.377



60, 65.264, 85.198



17, 25.076, 87.927

Inverse Universe

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



78, 21.668, 281.559



82, 28.393, 282.361



76, 28.510, 302.093



46, 5.454, 279.688



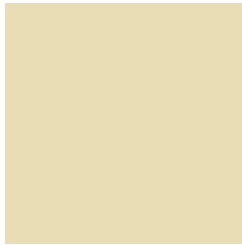
27, 87.263, 301.323



5, 30.016, 292.795

Previews

White Background



This preview shows how the CIELCh color 88, 21.256, 95.825 looks on a white background.

Color Contrast Check

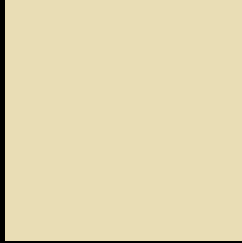
Large Text (above 18pt) WCAG AA × Fail

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 88, 21.256, 95.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

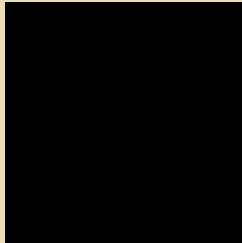
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 21.256, 95.825

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.256, 95.825.

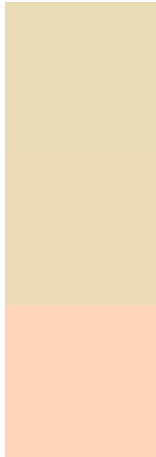


This preview shows how white text looks on a background with the CIELCh color 88, 21.256, 95.825.

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

88, 21.256, 95.825

Protanopia

88, 21.461, 93.781

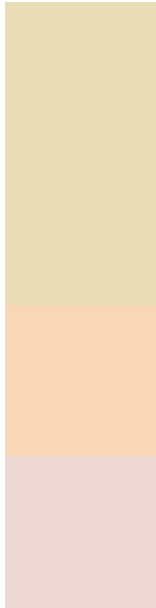
Deuteranopia

88, 22.780, 61.327



Tritanopia
88, 12.287, 337.551

Trichromacy



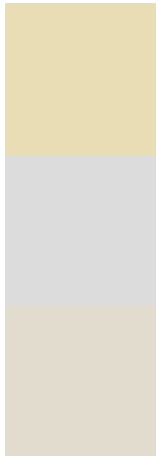
Original Color
88, 21.256, 95.825

Protanomaly
88, 21.364, 94.793

Deuteranomaly
88, 21.332, 72.925

Tritanomaly
88, 8.019, 34.874

Monochromacy



Original Color
88, 21.256, 95.825

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 7.501, 95.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.256, 95.825 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(233, 221, 181)` looks like.

```
.text, #text, p{  
    color:rgb(233, 221, 181)  
}
```

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(233, 221, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 221, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.256, 95.825 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(233, 221, 181) }
```

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

```
.border{ border-color:rgb(233, 221, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 221, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(233, 221,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.256, 95.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 221, 181) }
```

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

```
.background{ background-color: rgb(233,  
221, 181) }
```

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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