

Converting Colors

CIELCh(88, 8.527, 71.941)

Have a look what the booklet for
CIELCh(88, 8.527, 71.941) contains.

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Color

CIELCh(88, 8.527, 71.941)

Conversions

Conversions Part 1

Format	Color
Hex	E8DACD
RGB	232, 218, 205
RGB Percent	91%, 85%, 80%
CMY	0.0883, 0.1432, 0.1942
CMYK	0.00, 0.06, 0.12, 0.09
HSL	29°, 38%, 86%
HSV	29°, 12%, 91%
XYZ	69.7147, 72.0653, 68.2979
YIQ	220.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

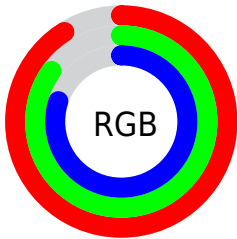
Format	Color
R _Y B	232, 230, 205
Decimal	15260365
CIE Lab	88.00, 2.64, 8.11
CIE LCh	88, 8.527, 71.941
Yxy	72.0653, 0.3319, 0.3430
Android (android.graphics.Color)	4293450445 (0xFFE8DACD)
YUV	220.7040, -7.7421, 9.9066
Hunter-Lab	84.8913, -1.9713, 11.7231

Details

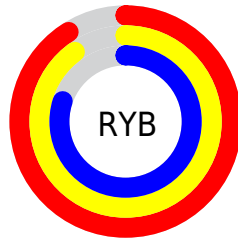
The CIELCh color **88, 8.527, 71.941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 8.260, 254.976**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 8.355, 71.506** is the 20% darker color. If you saturate the color by 10%, you get **84, 16.273, 70.763**, and if you desaturate by 10%, it is **92, 1.153, 72.840**.

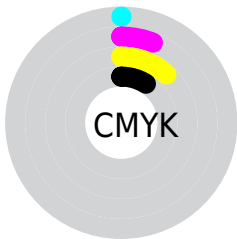
Distribution



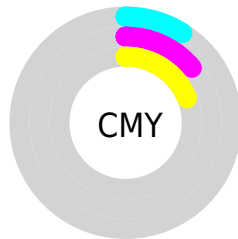
- Red (91%)
- Green (85%)
- Blue (80%)



- Red (91%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.527, 71.941 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, 8.527, 71.941 by changing the saturation by 10% instead.



88, 8.527, 71.941

88, 8.527, 71.941

84, 16.273, 70.763

92, 1.153, 72.840

81, 24.417, 69.544

95, 5.884, 254.463

78, 32.969, 68.318

98, 7.568, 200.377

74, 41.897, 67.086

98, 7.690, 199.005

71, 51.093, 65.826

68, 60.295, 64.478

65, 68.947, 62.894

63, 76.066, 60.783

61, 80.391, 58.502

Harmonies

Complementary

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



88, 8.527, 71.941



87, 8.260, 254.976

Rectangle

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



88, 8.527, 71.941



88, 8.527, 121.941



88, 8.527, 251.941



88, 8.527, 301.941

Sweetspot

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



88, 8.528, 71.959



99, 2.318, 72.847



85, 12.405, 342.817



53, 1.762, 72.793



0, 0.000, 0.000



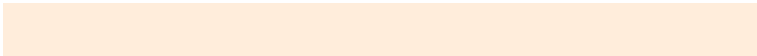
53, 0.007, 296.813

Same Dimension

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



88, 8.528, 71.959



95, 11.143, 71.670



91, 13.456, 107.661



47, 4.177, 72.207



48, 66.413, 59.164



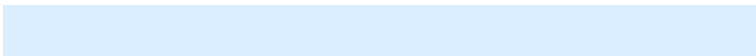
13, 22.188, 58.966

Inverse Universe

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



87, 8.260, 254.976



93, 10.708, 255.330



84, 13.797, 290.079



47, 4.074, 254.683



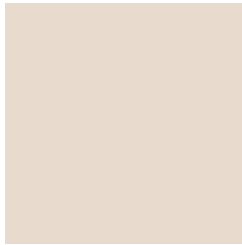
40, 53.740, 282.132



10, 19.935, 273.791

Previews

White Background



This preview shows how the CIELCh color 88, 8.527, 71.941 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 88, 8.527, 71.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

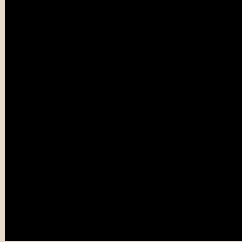
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 8.527, 71.941

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.527, 71.941.

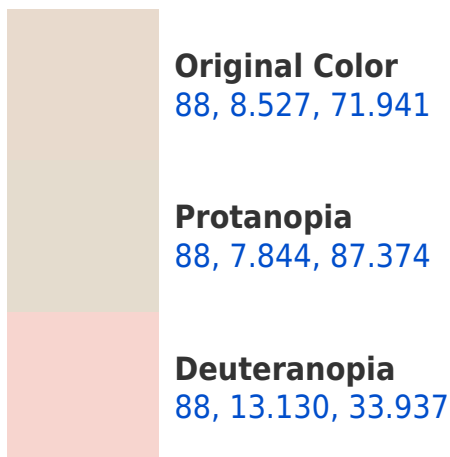


This preview shows how white text looks on a background with the CIELCh color 88, 8.527, 71.941.

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
88, 11.272, 332.439

Trichromacy



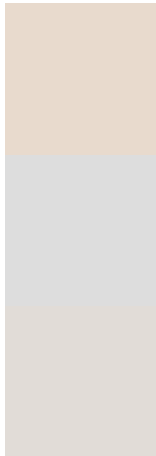
Original Color
88, 8.527, 71.941

Protanomaly
88, 7.882, 78.433

Deuteranomaly
88, 11.144, 44.757

Tritanomaly
88, 7.580, 355.569

Monochromacy



Original Color
88, 8.527, 71.941

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.155, 74.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.527, 71.941 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(232, 218, 205)` looks like.

```
.text, #text, p{  
    color:rgb(232, 218, 205)  
}
```

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(232, 218, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.527, 71.941 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(232, 218, 205) }
```

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

```
.border{ border-color:rgb(232, 218, 205) }
```

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

Here you see how a box with a 4 pixel rgb(232, 218, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 205);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.527, 71.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 205) }
```

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

```
.background{ background-color: rgb(232,  
218, 205) }
```

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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