

Converting Colors

CIELCh(88, 8.051, 71.956)

Have a look what the booklet for
CIELCh(88, 8.051, 71.956) contains.

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Color

CIELCh(88, 8.295, 73.998)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBCE
RGB	232, 219, 206
RGB Percent	91%, 86%, 81%
CMY	0.0913, 0.1423, 0.1933
CMYK	0.00, 0.06, 0.11, 0.09
HSL	30°, 36%, 86%
HSV	30°, 11%, 91%
XYZ	69.5494, 72.0653, 68.4576
YIQ	221.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

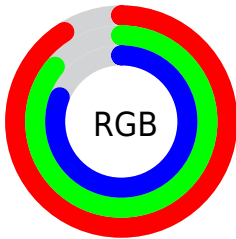
Format	Color
R_{YB}	232, 232, 206
Decimal	15260622
CIE _{Lab}	88.00, 2.29, 7.97
CIE _{LCh}	88, 8.295, 73.998
Yxy	72.0653, 0.3311, 0.3430
Android (android.graphics.Color)	4293450702 (0xFFE8DBCE)
YUV	221.4050, -7.5947, 9.2918
Hunter-Lab	84.8913, -2.3188, 11.6115

Details

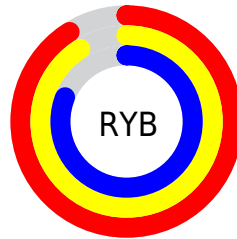
The CIELCh color **88, 8.295, 73.998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 8.073, 256.977**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 8.104, 73.735** is the 20% darker color. If you saturate the color by 10%, you get **85, 16.067, 72.791**, and if you desaturate by 10%, it is **91, 0.874, 74.822**.

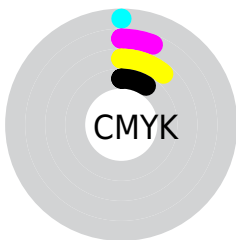
Distribution



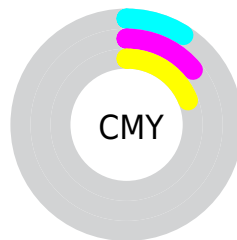
- Red (91%)
- Green (86%)
- Blue (81%)



- Red (91%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.295, 73.998 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, 8.295, 73.998 by changing the saturation by 10% instead.



88, 8.295, 73.998

88, 8.295, 73.998

85, 16.067, 72.791

91, 0.874, 74.822

81, 24.211, 71.535

95, 6.230, 256.555

78, 32.733, 70.265

98, 7.452, 205.071

75, 41.599, 68.979

98, 7.951, 198.986

72, 50.696, 67.659

69, 59.760, 66.245

66, 68.243, 64.599

63, 75.189, 62.445

61, 79.521, 60.014

Harmonies

Complementary

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



88, 8.295, 73.998



87, 8.073, 256.977

Rectangle

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



88, 8.295, 73.998



88, 8.295, 123.998



88, 8.295, 253.998



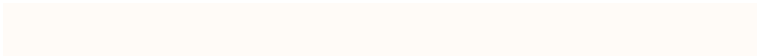
88, 8.295, 303.998

Sweetspot

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



88, 8.296, 74.016



99, 2.347, 74.886



85, 11.676, 344.563



53, 1.784, 74.827



0, 0.000, 0.000



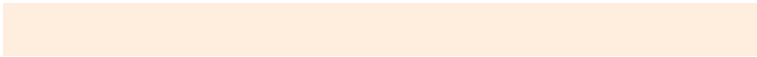
53, 0.007, 296.813

Same Dimension

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



88, 8.296, 74.016



95, 10.435, 73.793



91, 13.393, 109.089



46, 4.150, 74.225



48, 65.187, 60.708



12, 20.922, 60.631

Inverse Universe

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



87, 8.073, 256.977



94, 10.100, 257.244



83, 13.744, 291.362



46, 4.059, 256.733



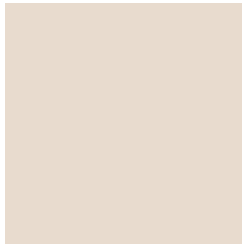
39, 55.144, 283.966



9, 19.787, 275.287

Previews

White Background



This preview shows how the CIELCh color 88, 8.295, 73.998 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, 8.295, 73.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

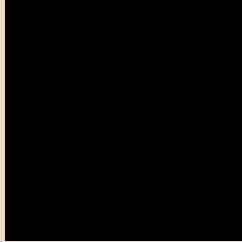
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

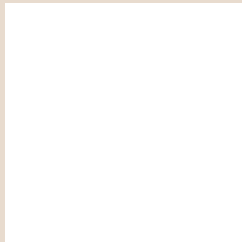
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.295, 73.998

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.295, 73.998.

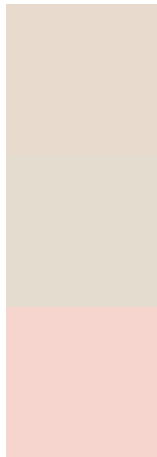


This preview shows how white text looks on a background with the CIELCh color 88, 8.295, 73.998.

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, 8.295, 73.998

Protanopia

88, 7.844, 87.374

Deuteranopia

88, 13.130, 33.937



Tritanopia
88, 11.433, 329.324

Trichromacy



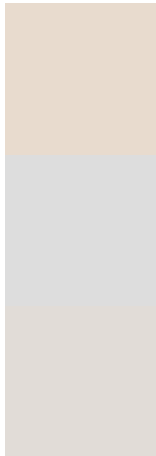
Original Color
88, 8.295, 73.998

Protanomaly
88, 7.991, 84.893

Deuteranomaly
88, 10.565, 43.108

Tritanomaly
88, 7.249, 354.341

Monochromacy



Original Color
88, 8.295, 73.998

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, 8.295, 73.998 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, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 206)  
}
```

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, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.295, 73.998 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, 219, 206) }
```

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

```
.border{ border-color:rgb(232, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.295, 73.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 206) }
```

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

```
.background{ background-color: rgb(232,  
219, 206) }
```

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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