

Converting Colors

CIELCh(88, 5.148, 52.976)

Have a look what the booklet for
CIELCh(88, 5.148, 52.976) contains.

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Color

CIELCh(88, 5.093, 50.253)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAD5
RGB	230, 218, 213
RGB Percent	90%, 85%, 84%
CMY	0.0964, 0.1435, 0.1631
CMYK	0.00, 0.05, 0.07, 0.10
HSL	18°, 26%, 87%
HSV	18°, 7%, 90%
XYZ	69.9995, 72.0653, 73.4375
YIQ	221.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

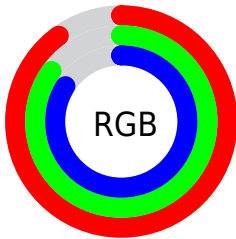
Format	Color
R_{YB}	230, 220, 213
Decimal	15129301
CIE _{Lab}	88.00, 3.26, 3.92
CIE _{LCh}	88, 5.093, 50.253
Yxy	72.0653, 0.3248, 0.3344
Android (android.graphics.Color)	4293319381 (0xFFE6DAD5)
YUV	221.0180, -3.9529, 7.8772
Hunter-Lab	84.8913, -1.3725, 8.1335

Details

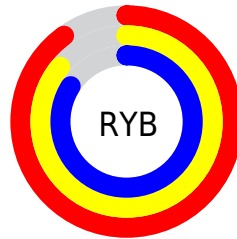
The CIELCh color **88, 5.093, 50.253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 4.897, 231.497**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.069, 52.384** is the 20% darker color. If you saturate the color by 10%, you get **83, 12.462, 49.761**, and if you desaturate by 10%, it is **93, 1.749, 231.356**.

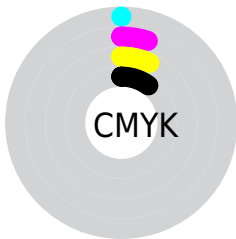
Distribution



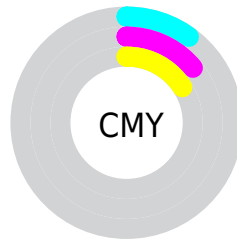
- Red (90%)
- Green (85%)
- Blue (84%)



- Red (90%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.093, 50.253 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, 5.093, 50.253 by changing the saturation by 10% instead.

88, 5.093, 50.253

88, 5.093, 50.253

100, 5.093, 50.253

78, 5.093, 50.253

68, 5.093, 50.253

58, 5.093, 50.253

48, 5.093, 50.253

38, 5.093, 50.253

28, 5.093, 50.253

18, 5.093, 50.253

8, 5.093, 50.253

0, 5.093, 50.253

88, 5.093, 50.253

88, 5.093, 50.253

83, 12.462, 49.761

93, 1.749, 231.356

79, 20.415, 49.265

97, 7.256, 215.795

75, 28.996, 48.857

98, 8.386, 198.954

70, 38.224, 48.565

66, 48.069, 48.400

63, 58.401, 48.345

59, 68.878, 48.305

56, 78.714, 48.012

54, 86.477, 46.955

Harmonies

Complementary

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



88, 5.093, 50.253



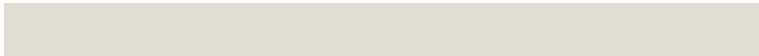
89, 4.897, 231.497

Rectangle

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



88, 5.093, 50.253



88, 5.093, 100.253



88, 5.093, 230.253



88, 5.093, 280.253

Sweetspot

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



88, 5.093, 50.282



99, 1.466, 50.315



87, 8.866, 334.075



53, 0.833, 50.299



0, 0.000, 0.000



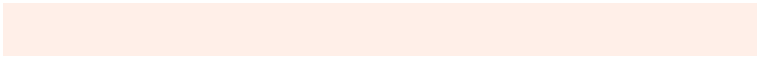
53, 0.007, 296.813

Same Dimension

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



88, 5.093, 50.282



95, 6.786, 50.201



90, 7.011, 98.511



46, 3.938, 50.180



41, 72.496, 47.241



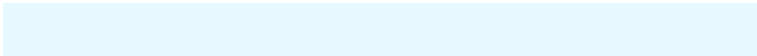
9, 22.351, 40.182

Inverse Universe

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



89, 4.897, 231.497



97, 6.461, 231.609



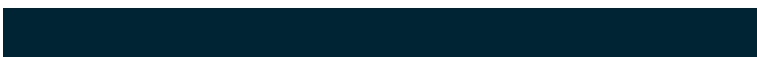
87, 7.075, 280.292



46, 3.740, 231.638



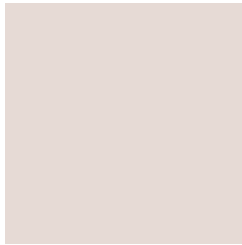
50, 37.099, 254.918



13, 14.664, 245.912

Previews

White Background



This preview shows how the CIELCh color 88, 5.093, 50.253 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, 5.093, 50.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

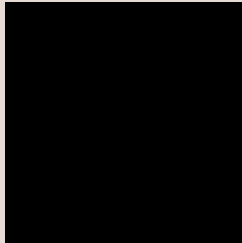
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

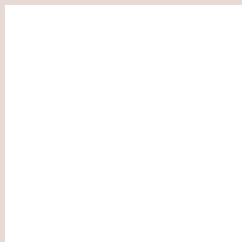
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.093, 50.253

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.093, 50.253.

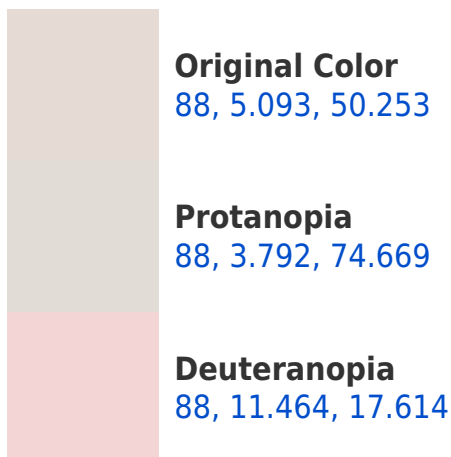


This preview shows how white text looks on a background with the CIELCh color 88, 5.093, 50.253.

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, 11.002, 326.374

Trichromacy



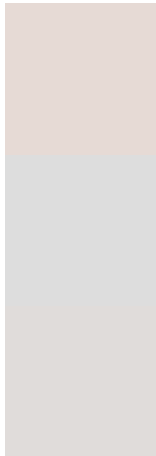
Original Color
88, 5.093, 50.253

Protanomaly
88, 4.173, 57.983

Deuteranomaly
88, 8.852, 23.339

Tritanomaly
88, 7.462, 340.913

Monochromacy



Original Color
88, 5.093, 50.253

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.768, 55.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.093, 50.253 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(230, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 213)  
}
```

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(230, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.093, 50.253 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(230, 218, 213) }
```

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

```
.border{ border-color:rgb(230, 218, 213) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.093, 50.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 213) }
```

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

```
.background{ background-color: rgb(230,  
218, 213) }
```

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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