

Converting Colors

CIELCh(88, 3.880, 104.746)

Have a look what the booklet for
CIELCh(88, 3.880, 104.746) contains.

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Color

CIELCh(88, 3.651, 104.146)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDD6
RGB	222, 221, 214
RGB Percent	87%, 87%, 84%
CMY	0.1296, 0.1335, 0.1610
CMYK	0.00, 0.00, 0.04, 0.13
HSL	53°, 11%, 85%
HSV	53°, 4%, 87%
XYZ	68.0877, 72.0653, 73.9103
YIQ	220.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

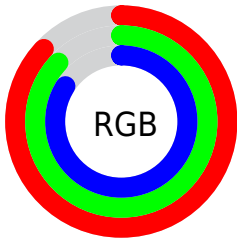
Format	Color
R _Y B	215, 222, 214
Decimal	14605782
CIE Lab	88.00, -0.89, 3.54
CIE LCh	88, 3.651, 104.146
Yxy	72.0653, 0.3181, 0.3367
Android (android.graphics.Color)	4292795862 (0xFFDEDDD6)
YUV	220.5010, -3.2050, 1.3146
Hunter-Lab	84.8913, -5.3925, 7.8033

Details

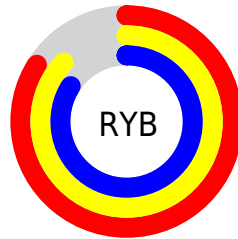
The CIELCh color **88, 3.651, 104.146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 3.692, 285.010**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 3.853, 104.038** is the 20% darker color. If you saturate the color by 10%, you get **87, 13.835, 103.122**, and if you desaturate by 10%, it is **89, 6.495, 285.270**.

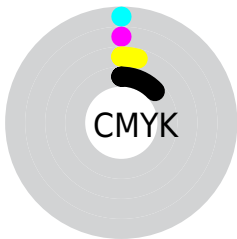
Distribution



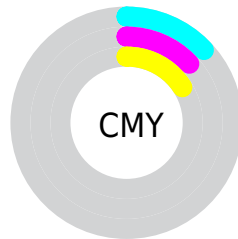
- Red (87%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 3.651, 104.146 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, 3.651, 104.146 by changing the saturation by 10% instead.

■ 88, 3.651, 104.146

■ 88, 3.651, 104.146

■ 100, 3.651,
104.146

■ 78, 3.651, 104.146

■ 68, 3.651, 104.146

■ 58, 3.651, 104.146

■ 48, 3.651, 104.146

■ 38, 3.651, 104.146

■ 28, 3.651, 104.146

■ 18, 3.651, 104.146

■ 8, 3.651, 104.146

■ 0, 3.651, 104.146

88, 3.651, 104.146

88, 3.651, 104.146

87, 13.835,
103.122

89, 6.495, 285.270

86, 24.010,
102.025

91, 14.858,
285.478

85, 34.107,
100.911

91, 13.522,
280.779

83, 44.007, 99.795

92, 12.296,
275.124

82, 53.512, 98.689

93, 11.213,
268.329

82, 62.303, 97.611

81, 69.895, 96.571

93, 10.319,
260.256

80, 75.656, 95.576

94, 9.661, 250.909

79, 78.986, 94.612

95, 9.290, 240.551

95, 9.236, 229.743

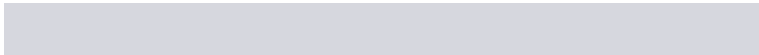
Harmonies

Complementary

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



88, 3.651, 104.146



86, 3.692, 285.010

Rectangle

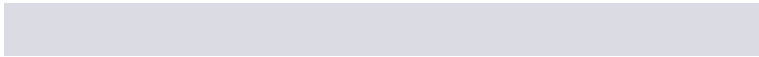
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 3.651, 104.146



88, 3.651, 154.146



88, 3.651, 284.146



88, 3.651, 334.146

Sweetspot

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



88, 3.653, 104.172



100, 1.125, 104.356



86, 2.962, 8.574



53, 0.640, 104.354



0, 0.000, 0.000



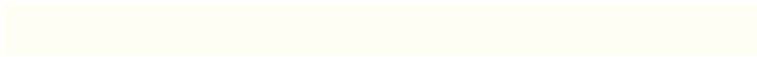
53, 0.007, 296.813

Same Dimension

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



88, 3.653, 104.172



99, 4.539, 104.130



88, 4.302, 124.117



47, 2.906, 104.061



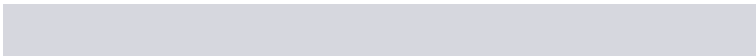
64, 67.356, 94.151



17, 24.805, 96.444

Inverse Universe

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



86, 3.692, 285.010



97, 4.588, 285.054



86, 4.347, 304.449



45, 2.938, 285.127



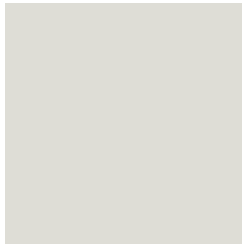
23, 94.729, 304.408



3, 28.913, 293.149

Previews

White Background



This preview shows how the CIELCh color 88, 3.651, 104.146 looks on a white background.

Color Contrast Check

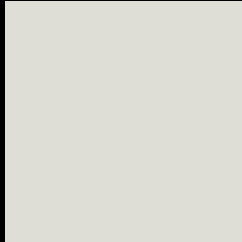
Large Text (above 18pt) WCAG AA × Fail

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, 3.651, 104.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

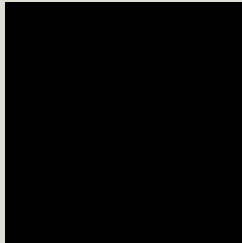
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

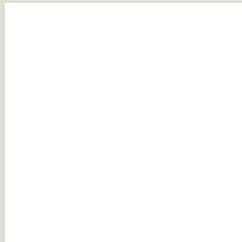
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 3.651, 104.146

Background



This preview shows how black text looks on a background with the CIELCh color 88, 3.651, 104.146.

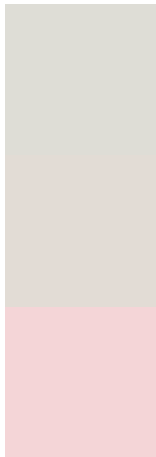


This preview shows how white text looks on a background with the CIELCh color 88, 3.651, 104.146.

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

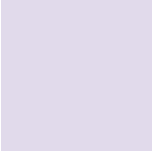
88, 3.651, 104.146

Protanopia

88, 4.231, 78.663

Deuteranopia

88, 11.480, 15.030



Tritanopia
88, 9.256, 306.275

Trichromacy



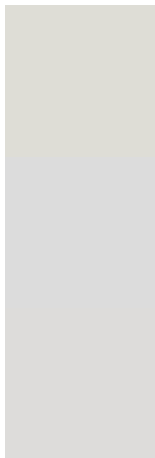
Original Color
88, 3.651, 104.146

Protanomaly
88, 4.055, 83.120

Deuteranomaly
88, 7.352, 23.903

Tritanomaly
88, 4.570, 313.419

Monochromacy



Original Color
88, 3.651, 104.146

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.090, 90.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 3.651, 104.146 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(222, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 214)  
}
```

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(222, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 3.651, 104.146 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(222, 221, 214) }
```

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

```
.border{ border-color:rgb(222, 221, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 3.651, 104.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 214) }
```

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

```
.background{ background-color: rgb(222,  
221, 214) }
```

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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