

Converting Colors

CIELCh(88, 2.662, 55.181)

Have a look what the booklet for
CIELCh(88, 2.662, 55.181) contains.

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Color

CIELCh(88, 2.662, 55.181)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCD9
RGB	226, 220, 217
RGB Percent	89%, 86%, 85%
CMY	0.1153, 0.1388, 0.1506
CMYK	0.00, 0.03, 0.04, 0.12
HSL	20°, 13%, 87%
HSV	20°, 4%, 88%
XYZ	69.1950, 72.0653, 75.6326
YIQ	221.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

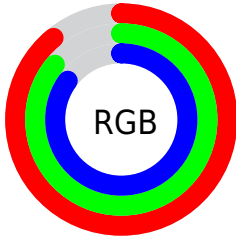
Format	Color
RYB	226, 222, 217
Decimal	14867673
CIE Lab	88.00, 1.52, 2.19
CIE LCh	88, 2.662, 55.181
Yxy	72.0653, 0.3190, 0.3323
Android (android.graphics.Color)	4293057753 (0xFFE2DCD9)
YUV	221.4520, -2.1948, 3.9886
Hunter-Lab	84.8913, -3.0641, 6.6003

Details

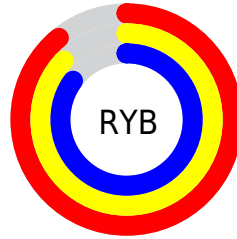
The CIELCh color **88, 2.662, 55.181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 2.620, 236.288**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 2.817, 55.134** is the 20% darker color. If you saturate the color by 10%, you get **84, 9.684, 54.602**, and if you desaturate by 10%, it is **92, 3.892, 236.380**.

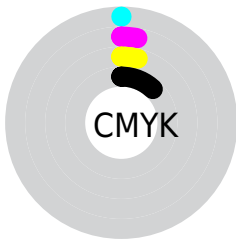
Distribution



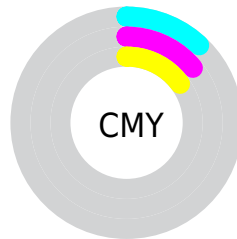
- Red (89%)
- Green (86%)
- Blue (85%)



- Red (89%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (12%)

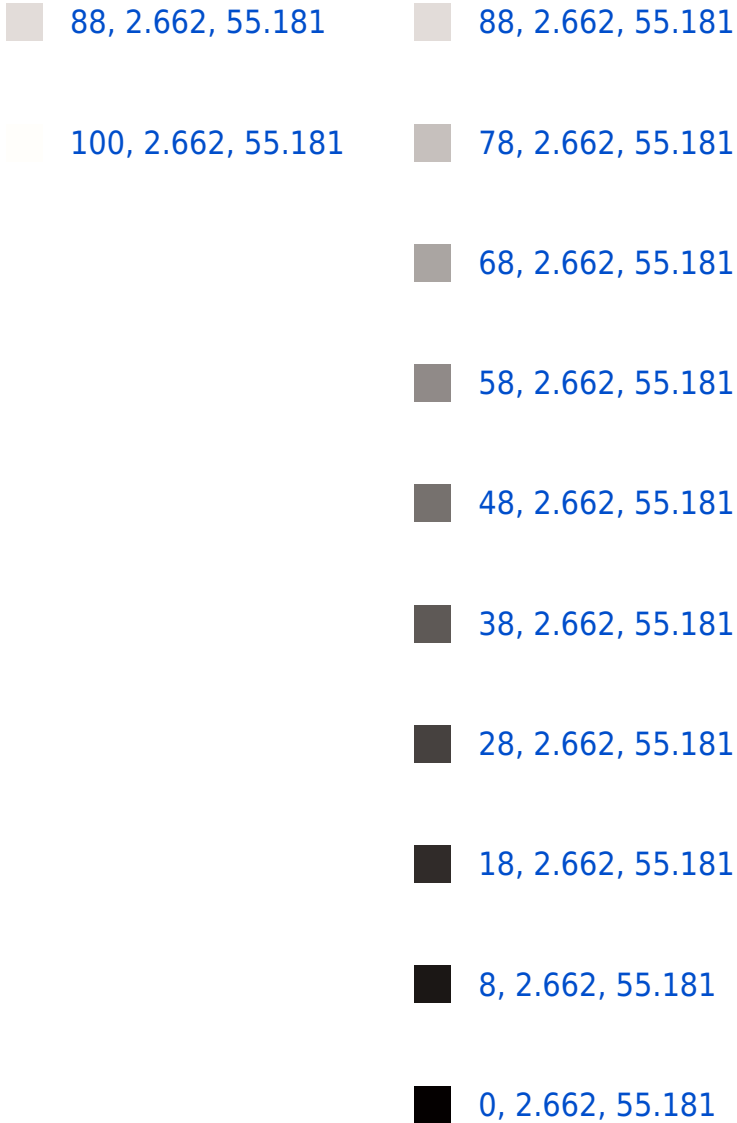


- Cyan (12%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 2.662, 55.181 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, 2.662, 55.181 by changing the saturation by 10% instead.



88, 2.662, 55.181

88, 2.662, 55.181

84, 9.684, 54.602

92, 3.892, 236.380

79, 17.226, 53.896

97, 8.548, 217.691

75, 25.335, 53.242

98, 9.977, 198.842

71, 34.038, 52.667

67, 43.326, 52.183

64, 53.113, 51.779

60, 63.149, 51.388

57, 72.852, 50.820

55, 81.044, 49.650

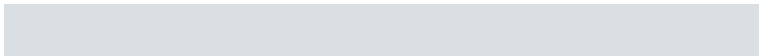
Harmonies

Complementary

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



88, 2.662, 55.181



88, 2.620, 236.288

Rectangle

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



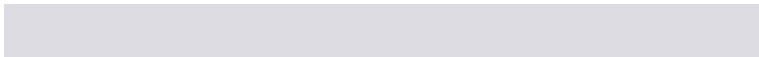
88, 2.662, 55.181



88, 2.662, 105.181



88, 2.662, 235.181



88, 2.662, 285.181

Sweetspot

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



88, 2.662, 55.235



100, 0.725, 54.868



87, 4.532, 335.860



53, 0.412, 54.829



0, 0.000, 0.000



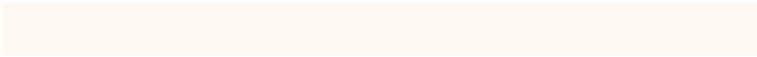
53, 0.007, 296.813

Same Dimension

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



88, 2.662, 55.235



98, 3.701, 55.194



89, 3.918, 101.859



46, 2.279, 55.162



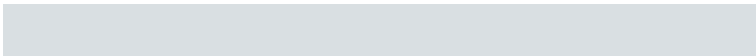
42, 70.184, 49.279



9, 20.601, 42.781

Inverse Universe

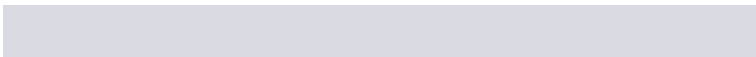
The Inverse Universe completely reimagines the original color for something new.



88, 2.620, 236.288



98, 3.619, 236.339



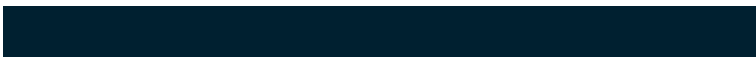
87, 3.957, 282.819



46, 2.221, 236.378



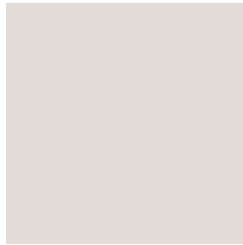
47, 39.174, 261.946



11, 14.747, 251.997

Previews

White Background



This preview shows how the CIELCh color 88, 2.662, 55.181 looks on a white background.

Color Contrast Check

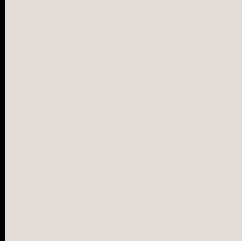
Large Text (above 18pt) WCAG AA × Fail

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, 2.662, 55.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

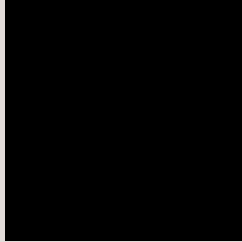
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

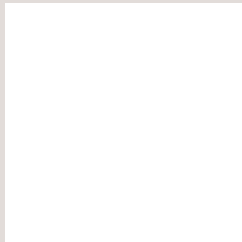
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 2.662, 55.181

Background



This preview shows how black text looks on a background with the CIELCh color 88, 2.662, 55.181.

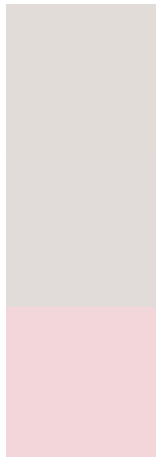


This preview shows how white text looks on a background with the CIELCh color 88, 2.662, 55.181.

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

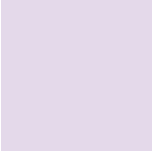
88, 2.662, 55.181

Protanopia

88, 2.375, 60.303

Deuteranopia

88, 10.839, 9.129



Tritanopia
88, 9.744, 314.316

Trichromacy



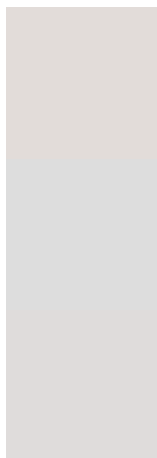
Original Color
88, 2.662, 55.181

Protanomaly
88, 2.375, 60.303

Deuteranomaly
88, 7.702, 16.029

Tritanomaly
88, 6.166, 321.885

Monochromacy



Original Color
88, 2.662, 55.181

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.191, 44.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 2.662, 55.181 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(226, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 217)  
}
```

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(226, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 2.662, 55.181 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(226, 220, 217) }
```

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

```
.border{ border-color:rgb(226, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 2.662, 55.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 217) }
```

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

```
.background{ background-color: rgb(226,  
220, 217) }
```

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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