

Converting Colors

CIELCh(88, 15.549, 108.881)

Have a look what the booklet for
CIELCh(88, 15.549, 108.881)
contains.

CIELCh(88, 15.561, 108.875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 15.561, 108.875)

Conversions

Conversions Part 1

Format	Color
Hex	DFDFC1
RGB	223, 223, 193
RGB Percent	87%, 87%, 76%
CMY	0.1268, 0.1268, 0.2444
CMYK	0.00, 0.00, 0.13, 0.13
HSL	60°, 32%, 81%
HSV	60°, 13%, 87%
XYZ	66.2141, 72.0653, 60.6806
YIQ	219.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

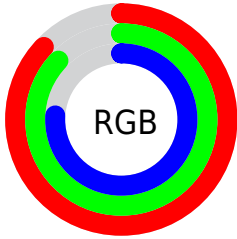
Format	Color
RYB	193, 223, 193
Decimal	14671809
CIELab	88.00, -5.03, 14.72
CIELCh	88, 15.561, 108.875
Yxy	72.0653, 0.3328, 0.3622
Android (android.graphics.Color)	4292861889 (0xFFDFDFC1)
YUV	219.5800, -13.1039, 2.9993
Hunter-Lab	84.8913, -9.3320, 17.0432

Details

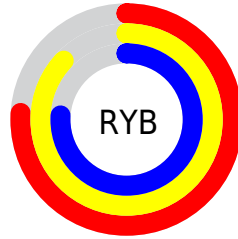
The CIELCh color **88, 15.561, 108.875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 16.050, 291.628**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **68, 15.842, 108.537** is the 20% darker color. If you saturate the color by 10%, you get **88, 27.014, 107.910**, and if you desaturate by 10%, it is **89, 4.010, 109.836**.

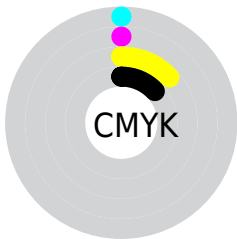
Distribution



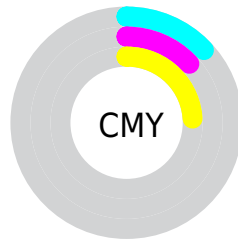
- Red (87%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (76%)



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





- Cyan (13%)
- Magenta (13%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.561, 108.875 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, 15.561, 108.875 by changing the saturation by 10% instead.


 88, 15.561,
108.875


 88, 15.561,
108.875


 100, 15.561,
108.875


 78, 15.561,
108.875

 68, 15.561,
108.875

 58, 15.561,
108.875

 48, 15.561,
108.875

 38, 15.561,
108.875

 28, 15.561,
108.875

 18, 15.561,

108.875

■ 8, 15.561, 108.875

■ 0, 15.561, 108.875

■ 88, 15.561,
108.875

■ 88, 15.561,
108.875

■ 88, 27.014,
107.910

■ 89, 4.010, 109.836

■ 87, 38.265,
106.948

■ 89, 7.580, 290.812

■ 87, 49.161,
106.018

■ 90, 16.840,
291.547

■ 87, 59.464,
105.146

■ 90, 16.840,
291.551

■ 86, 68.821,

■ 90, 16.840,
291.556

104.365

90, 16.840,
291.561

86, 76.746,
103.717

90, 16.840,
291.565

86, 82.685,
103.240

90, 16.840,
291.570

86, 86.225,
102.961

90, 16.840,
291.575

86, 87.475,
102.863

Harmonies

Complementary

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



88, 15.561, 108.875



79, 16.050, 291.628

Rectangle

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



88, 15.561, 108.875



88, 15.561, 158.875



88, 15.561, 288.875



88, 15.561, 338.875

Sweetspot

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



88, 15.563, 108.881



100, 5.161, 109.785



80, 11.325, 20.258



53, 3.669, 109.714



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, 15.563, 108.881



99, 20.619, 108.624



87, 16.614, 128.472



47, 6.607, 109.270



70, 73.366, 102.863



19, 27.934, 103.895

Inverse Universe

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



79, 16.050, 291.628



87, 21.395, 291.951



80, 16.926, 309.677



43, 6.754, 291.166



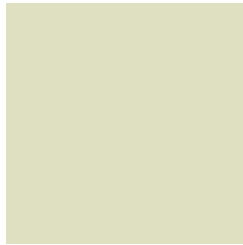
21, 101.304, 306.288



2, 31.634, 295.833

Previews

White Background



This preview shows how the CIELCh color 88, 15.561, 108.875 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, 15.561, 108.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

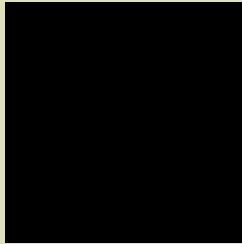
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

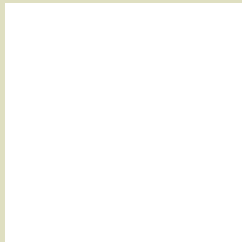
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 15.561, 108.875

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.561, 108.875.



This preview shows how white text looks on a background with the CIELCh color 88, 15.561, 108.875.

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, 15.561, 108.875

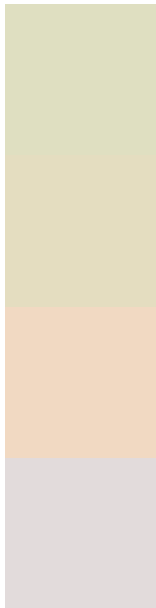
Protanopia
88, 15.633, 93.385

Deuteranopia
88, 17.395, 52.588



Tritanopia
88, 9.744, 314.316

Trichromacy



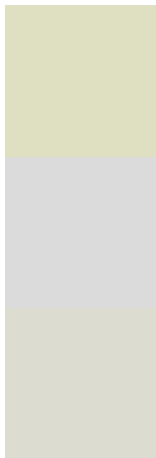
Original Color
88, 15.561, 108.875

Protanomaly
88, 15.284, 98.920

Deuteranomaly
88, 15.095, 71.847

Tritanomaly
88, 2.530, 19.353

Monochromacy



Original Color
88, 15.561, 108.875

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.725, 109.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.561, 108.875 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(223, 223, 193)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 193)  
}
```

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(223, 223, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.561, 108.875 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(223, 223, 193) }
```

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

```
.border{ border-color:rgb(223, 223, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 223, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 223, 193); box-shadow:4px 4px 4px 4px rgb(223, 223, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.561, 108.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 193) }
```

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

```
.background{ background-color: rgb(223,  
223, 193) }
```

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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