

Converting Colors

CIELCh(88, 6.961, 115.332)

Have a look what the booklet for
CIELCh(88, 6.961, 115.332) contains.

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Color

CIELCh(88, 6.804, 115.779)

Conversions

Conversions Part 1

Format	Color
Hex	DCDED1
RGB	220, 222, 209
RGB Percent	86%, 87%, 82%
CMY	0.1372, 0.1294, 0.1804
CMYK	0.01, 0.00, 0.06, 0.13
HSL	69°, 16%, 85%
HSV	69°, 6%, 87%
XYZ	67.1484, 72.0653, 70.6951
YIQ	219.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

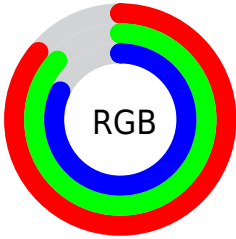
Format	Color
R_{YB}	209, 222, 211
Decimal	14474961
CIE Lab	88.00, -2.96, 6.13
CIE LCh	88, 6.804, 115.779
Yxy	72.0653, 0.3199, 0.3433
Android (android.graphics.Color)	4292665041 (0xFFDCDED1)
YUV	219.9200, -5.3836, 0.0702
Hunter-Lab	84.8913, -7.3675, 10.0488

Details

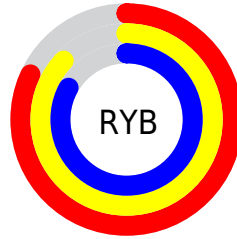
The CIELCh color **88, 6.804, 115.779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 6.908, 296.663**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 6.630, 116.201** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.402, 115.046**, and if you desaturate by 10%, it is **89, 4.834, 296.518**.

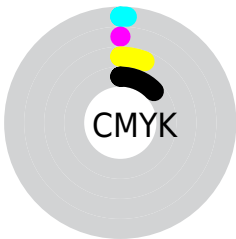
Distribution



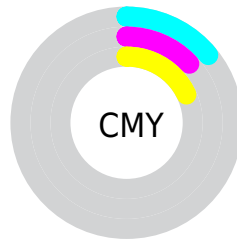
- Red (86%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 6.804, 115.779 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, 6.804, 115.779 by changing the saturation by 10% instead.

■ 88, 6.804, 115.779

■ 88, 6.804, 115.779

■ 100, 6.804,
115.779

■ 78, 6.804, 115.779

■ 68, 6.804, 115.779

■ 58, 6.804, 115.779

■ 48, 6.804, 115.779

■ 38, 6.804, 115.779

■ 28, 6.804, 115.779

■ 18, 6.804, 115.779

■ 8, 6.804, 115.779

■ 0, 6.804, 115.779

88, 6.804, 115.779

88, 6.804, 115.779

87, 18.402,
115.046

89, 4.834, 296.518

87, 29.881,
114.295

90, 16.467,
297.215

86, 41.131,
113.559

90, 17.451,
300.794

85, 51.987,
112.865

90, 17.684,
304.541

85, 62.193,
112.256

91, 17.990,
308.200

84, 71.376,
111.789

91, 18.366,
311.747

84, 79.039,
111.539

91, 18.808,
315.162

84, 84.641,
111.588

91, 19.313,
318.431

■ 84, 87.843,
112.000

■ 92, 19.877,
321.544

Harmonies

Complementary

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



88, 6.804, 115.779



84, 6.908, 296.663

Rectangle

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



88, 6.804, 115.779



88, 6.804, 165.779



88, 6.804, 295.779



88, 6.804, 345.779

Sweetspot

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



88, 6.806, 115.790



100, 2.594, 116.070



85, 4.170, 33.723



53, 1.474, 116.077



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, 6.806, 115.790



99, 9.101, 115.702



88, 7.467, 133.911



47, 5.325, 115.664



68, 74.542, 112.099



18, 28.219, 112.395

Inverse Universe

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



84, 6.908, 296.663



94, 9.256, 296.759



85, 7.522, 314.347



44, 5.420, 296.800



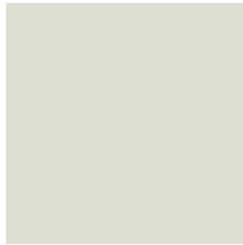
21, 100.268, 306.934



2, 31.904, 299.552

Previews

White Background



This preview shows how the CIELCh color 88, 6.804, 115.779 looks on a white background.

Color Contrast Check

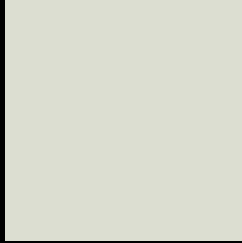
Large Text (above 18pt) WCAG AA × Fail

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, 6.804, 115.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

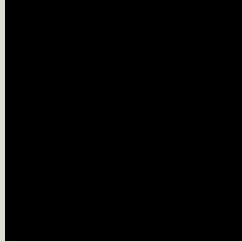
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

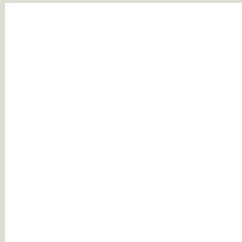
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.804, 115.779

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.804, 115.779.



This preview shows how white text looks on a background with the CIELCh color 88, 6.804, 115.779.

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

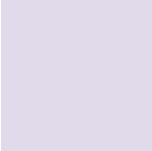
88, 6.804, 115.779

Protanopia

88, 6.886, 84.261

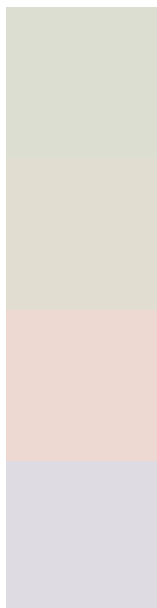
Deuteranopia

88, 12.318, 25.072



Tritanopia
88, 9.166, 304.157

Trichromacy



Original Color
88, 6.804, 115.779

Protanomaly
88, 6.905, 97.294

Deuteranomaly
88, 8.374, 41.686

Tritanomaly
88, 3.949, 311.614

Monochromacy



Original Color
88, 6.804, 115.779

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.625, 117.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.804, 115.779 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(220, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 209)  
}
```

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(220, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.804, 115.779 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(220, 222, 209) }
```

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

```
.border{ border-color:rgb(220, 222, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.804, 115.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 209) }
```

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

```
.background{ background-color: rgb(220,  
222, 209) }
```

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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