

Converting Colors

CIELCh(88, 7.779, 209.918)

Have a look what the booklet for
CIELCh(88, 7.779, 209.918) contains.

CIELCh(88, 7.760, 210.645)	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, 7.760, 210.645)

Conversions

Conversions Part 1

Format	Color
Hex	CBE1E4
RGB	203, 225, 228
RGB Percent	80%, 88%, 89%
CMY	0.2043, 0.1181, 0.1063
CMYK	0.11, 0.01, 0.00, 0.11
HSL	187°, 32%, 84%
HSV	187°, 11%, 89%
XYZ	65.4809, 72.0653, 83.7749
YIQ	218.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

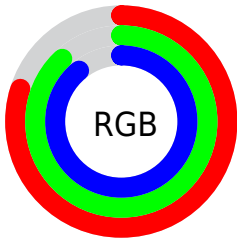
Format	Color
R _Y B	203, 215, 228
Decimal	13361636
CIE Lab	88.00, -6.68, -3.96
CIE LCh	88, 7.760, 210.645
Yxy	72.0653, 0.2959, 0.3256
Android (android.graphics.Color)	4291551716 (0xFFCBE1E4)
YUV	218.7640, 4.5533, -13.8250
Hunter-Lab	84.8913, -10.8738, 0.9136

Details

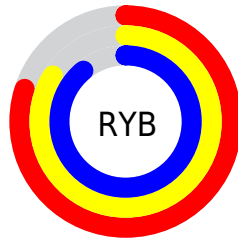
The CIELCh color `88, 7.760, 210.645` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 8.338, 30.774`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 7.755, 211.180` is the 20% darker color. If you saturate the color by 10%, you get `86, 14.392, 210.623`, and if you desaturate by 10%, it is `90, 0.703, 211.496`.

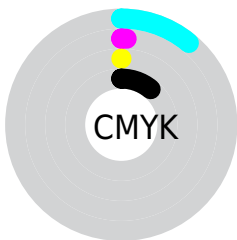
Distribution



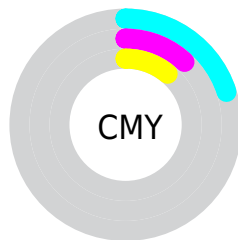
- Red (80%)
- Green (88%)
- Blue (89%)



- Red (80%)
- Yellow (84%)
- Blue (89%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 7.760, 210.645 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, 7.760, 210.645 by changing the saturation by 10% instead.

■ 88, 7.760, 210.645

■ 88, 7.760, 210.645

■ 100, 7.760,
210.645

■ 78, 7.760, 210.645

■ 68, 7.760, 210.645

■ 58, 7.760, 210.645

■ 48, 7.760, 210.645

■ 38, 7.760, 210.645

■ 28, 7.760, 210.645

■ 18, 7.760, 210.645

■ 8, 7.760, 210.645

■ 0, 7.760, 210.645

88, 7.760, 210.645

88, 7.760, 210.645

86, 14.392,
210.623

90, 0.703, 211.496

84, 20.485,
210.768

93, 6.680, 30.687

82, 25.922,
211.084

94, 8.407, 38.294

80, 30.586,
211.604

95, 8.070, 49.896

79, 34.377,
212.372

95, 8.087, 61.945

77, 37.228,
213.437

96, 8.454, 73.417

76, 39.125,
214.849

97, 9.126, 83.541

75, 40.122,
216.654

97, 10.041, 92.024

98, 11.138, 98.941

■ 74, 40.436,
218.600

Harmonies

Complementary

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



88, 7.760, 210.645



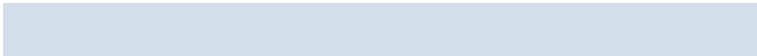
84, 8.338, 30.774

Rectangle

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



88, 7.760, 210.645



88, 7.760, 260.645



88, 7.760, 30.645



88, 7.760, 80.645

Sweetspot

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



88, 7.761, 210.631



99, 2.373, 210.884



88, 14.704, 147.116



53, 1.795, 210.818



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, 7.761, 210.631



97, 10.016, 210.615



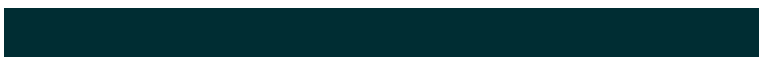
85, 8.701, 268.436



47, 4.058, 210.648



59, 33.719, 218.200



16, 14.319, 214.425

Inverse Universe

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



84, 14.702, 328.506



92, 19.109, 328.635



88, 8.768, 85.491



45, 7.649, 328.413



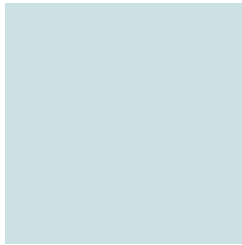
41, 80.517, 333.647



8, 34.277, 332.718

Previews

White Background



This preview shows how the CIELCh color 88, 7.760, 210.645 looks on a white background.

Color Contrast Check

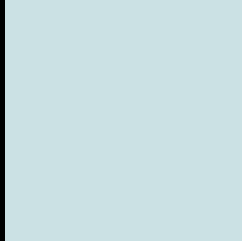
Large Text (above 18pt) WCAG AA × Fail

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, 7.760, 210.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

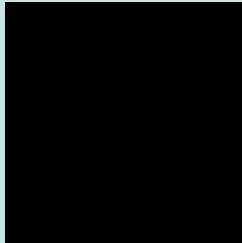
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

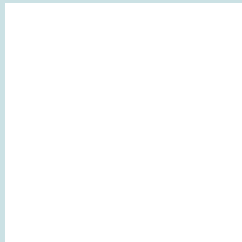
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.760, 210.645

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.760, 210.645.



This preview shows how white text looks on a background with the CIELCh color 88, 7.760, 210.645.

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](#).

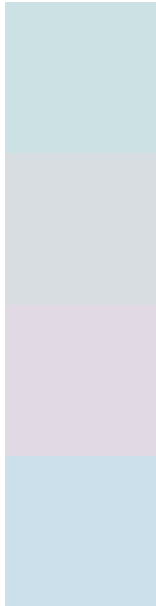
Dichromacy





Tritanopia
88, 11.073, 257.511

Trichromacy



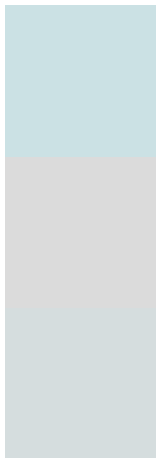
Original Color
88, 7.760, 210.645

Protanomaly
88, 3.133, 256.099

Deuteranomaly
88, 6.297, 313.854

Tritanomaly
88, 9.161, 242.383

Monochromacy



Original Color
88, 7.760, 210.645

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.879, 209.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.760, 210.645 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(203, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(203, 225, 228)  
}
```

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(203, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 225, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.760, 210.645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

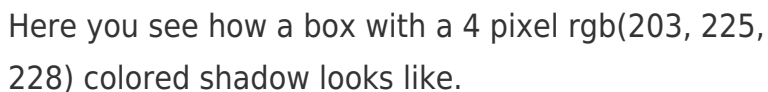
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 225, 228) }
```

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

```
.border{ border-color:rgb(203, 225, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 225, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 225, 228); box-shadow:4px 4px 4px 4px rgb(203, 225, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.760, 210.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 225, 228) }
```

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

```
.background{ background-color: rgb(203,  
225, 228) }
```

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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