

Converting Colors

CIELCh(88, 8.213, 198.967)

Have a look what the booklet for
CIELCh(88, 8.213, 198.967) contains.

CIELCh(88, 8.020, 198.923)	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, 8.020, 198.923)

Conversions

Conversions Part 1

Format	Color
Hex	CAE1E1
RGB	202, 225, 225
RGB Percent	79%, 88%, 88%
CMY	0.2067, 0.1164, 0.1165
CMYK	0.10, 0.00, 0.00, 0.12
HSL	180°, 28%, 84%
HSV	180°, 10%, 88%
XYZ	65.0768, 72.0653, 81.9310
YIQ	218.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

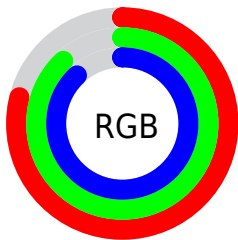
Format	Color
RYB	202, 214, 225
Decimal	13296097
CIELab	88.00, -7.59, -2.60
CIElCh	88, 8.020, 198.923
Yxy	72.0653, 0.2971, 0.3290
Android (android.graphics.Color)	4291486177 (0xFFCAE1E1)
YUV	218.1230, 3.3904, -14.1399
Hunter-Lab	84.8913, -11.7235, 2.2014

Details

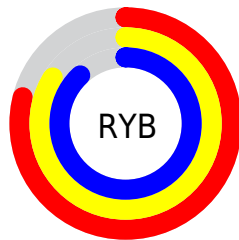
The CIELCh color **88, 8.020, 198.923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 8.557, 19.982**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 8.029, 198.780** is the 20% darker color. If you saturate the color by 10%, you get **87, 15.419, 198.368**, and if you desaturate by 10%, it is **90, 0.170, 202.939**.

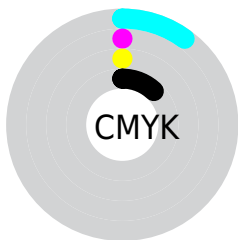
Distribution



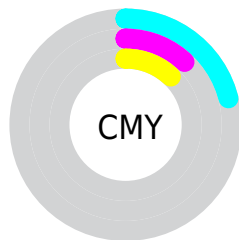
- Red (79%)
- Green (88%)
- Blue (88%)



- Red (79%)
- Yellow (84%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.020, 198.923 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, 8.020, 198.923 by changing the saturation by 10% instead.

■ 88, 8.020, 198.923

■ 88, 8.020, 198.923

■ 100, 8.020,
198.923

■ 78, 8.020, 198.923

■ 68, 8.020, 198.923

■ 58, 8.020, 198.923

■ 48, 8.020, 198.923

■ 38, 8.020, 198.923

■ 28, 8.020, 198.923

■ 18, 8.020, 198.923

■ 8, 8.020, 198.923

■ 0, 8.020, 198.923

88, 8.020, 198.923

88, 8.020, 198.923

87, 15.419,
198.368

90, 0.170, 202.939

85, 22.235,
197.897

91, 8.018, 19.882

84, 28.338,
197.487

92, 10.852, 20.097

83, 33.606,
197.139

92, 10.852, 20.087

83, 37.941,
196.858

92, 10.852, 20.078

82, 41.282,
196.643

92, 10.852, 20.068

82, 43.618,
196.493

92, 10.852, 20.058

82, 45.007,
196.404

92, 10.852, 20.049

92, 10.852, 20.039

■ 82, 45.644,
196.362

Harmonies

Complementary

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



88, 8.020, 198.923



83, 8.557, 19.982

Rectangle

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



88, 8.020, 198.923



88, 8.020, 248.923



88, 8.020, 18.923



88, 8.020, 68.923

Sweetspot

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



88, 8.021, 198.910



99, 2.650, 199.474



87, 14.618, 143.425



53, 2.005, 199.377



0, 0.000, 0.000



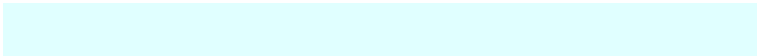
53, 0.007, 296.813

Same Dimension

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



88, 8.021, 198.910



98, 10.369, 198.801



85, 7.093, 254.971



46, 4.454, 198.957



65, 37.944, 196.362



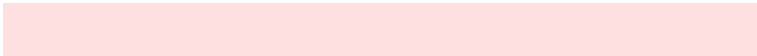
17, 15.586, 196.366

Inverse Universe

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



83, 8.557, 19.982



92, 11.200, 20.132



86, 7.288, 72.311



44, 4.728, 19.920



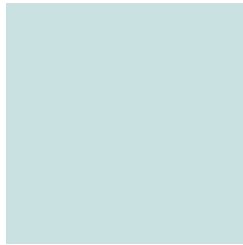
36, 79.106, 39.946



6, 25.540, 20.932

Previews

White Background



This preview shows how the CIELCh color 88, 8.020, 198.923 looks on a white background.

Color Contrast Check

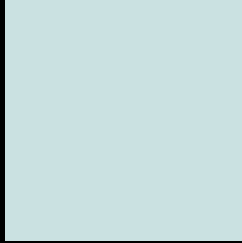
Large Text (above 18pt) WCAG AA × Fail

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, 8.020, 198.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

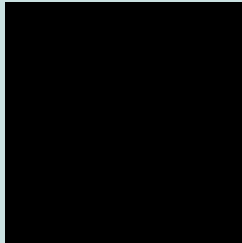
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

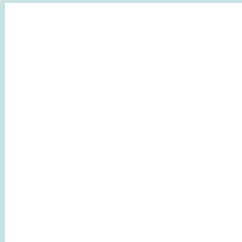
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.020, 198.923

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.020, 198.923.



This preview shows how white text looks on a background with the CIELCh color 88, 8.020, 198.923.

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](#).

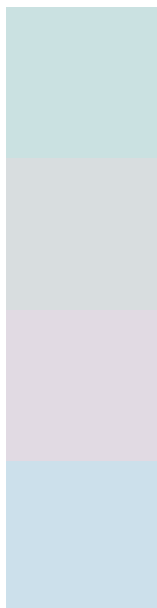
Dichromacy





Tritanopia
88, 11.073, 257.511

Trichromacy



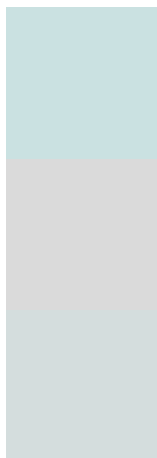
Original Color
88, 8.020, 198.923

Protanomaly
88, 2.050, 230.258

Deuteranomaly
88, 5.356, 318.273

Tritanomaly
88, 8.834, 239.764

Monochromacy



Original Color
88, 8.020, 198.923

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.196, 199.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.020, 198.923 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(202, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(202, 225, 225)  
}
```

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(202, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 225, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.020, 198.923 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(202, 225, 225) }
```

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

```
.border{ border-color:rgb(202, 225, 225) }
```

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

Here you see how a box with a 4 pixel rgb(202, 225, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(202, 225,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.020, 198.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 225, 225) }
```

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

```
.background{ background-color: rgb(202,  
225, 225) }
```

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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