

Converting Colors

CIELCh(88, 11.345, 198.681)

Have a look what the booklet for
CIELCh(88, 11.345, 198.681)
contains.

CIELCh(88, 11.352, 198.678)	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, 11.352, 198.678)

Conversions

Conversions Part 1

Format	Color
Hex	C2E3E3
RGB	194, 227, 227
RGB Percent	76%, 89%, 89%
CMY	0.2386, 0.1092, 0.1092
CMYK	0.15, 0.00, 0.00, 0.11
HSL	180°, 37%, 83%
HSV	180°, 15%, 89%
XYZ	63.6836, 72.0653, 83.3369
YIQ	217.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

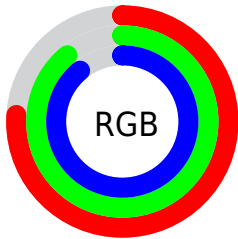
Format	Color
RYB	194, 211, 227
Decimal	12772323
CIELab	88.00, -10.75, -3.64
CIELCh	88, 11.352, 198.678
Yxy	72.0653, 0.2907, 0.3289
Android (android.graphics.Color)	4290962403 (0xFFC2E3E3)
YUV	217.1330, 4.8644, -20.2876
Hunter-Lab	84.8913, -14.6530, 1.2195

Details

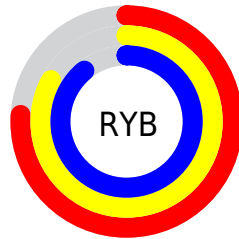
The CIELCh color **88, 11.352, 198.678** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 12.468, 20.340**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **68, 11.465, 198.481** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.563, 198.162**, and if you desaturate by 10%, it is **90, 3.631, 199.313**.

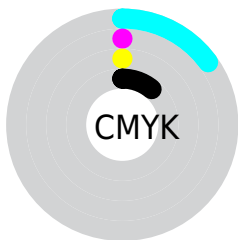
Distribution



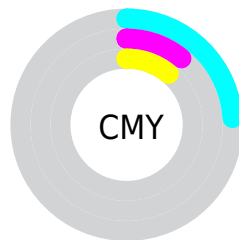
- Red (76%)
- Green (89%)
- Blue (89%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.352, 198.678 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, 11.352, 198.678 by changing the saturation by 10% instead.


 88, 11.352,
198.678


 88, 11.352,
198.678


 100, 11.352,
198.678


 78, 11.352,
198.678

 68, 11.352,
198.678

 58, 11.352,
198.678

 48, 11.352,
198.678

 38, 11.352,
198.678

 28, 11.352,
198.678

 18, 11.352,

198.678

■ 8, 11.352, 198.678

■ 0, 11.352, 198.678

■ 88, 11.352,
198.678

■ 88, 11.352,
198.678

■ 87, 18.563,
198.162

■ 90, 3.631, 199.313

■ 85, 25.129,
197.717

■ 91, 4.479, 19.574

■ 84, 30.922,
197.334

■ 93, 10.147, 20.047

■ 84, 35.828,
197.015

■ 93, 10.147, 20.040

■ 93, 10.147, 20.034

■ 83, 39.761,

■ 93, 10.147, 20.027

196.763

93, 10.147, 20.020

83, 42.681,
196.577

93, 10.147, 20.014

82, 44.606,
196.455

93, 10.147, 20.007

82, 45.625,
196.390

82, 45.924,
196.371

Harmonies

Complementary

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



88, 11.352, 198.678



81, 12.468, 20.340

Rectangle

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



88, 11.352, 198.678



88, 11.352, 248.678



88, 11.352, 18.678



88, 11.352, 68.678

Sweetspot

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



88, 11.353, 198.669



99, 3.526, 199.361



87, 20.988, 143.136



53, 2.501, 199.290



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, 11.353, 198.669



97, 14.478, 198.532



84, 10.129, 255.588



47, 4.537, 198.961



66, 38.349, 196.371



18, 16.093, 196.373

Inverse Universe

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



81, 12.468, 20.340



88, 16.186, 20.564



85, 10.552, 71.803



45, 4.817, 19.927



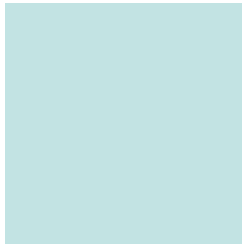
37, 79.980, 39.967



6, 27.104, 21.753

Previews

White Background



This preview shows how the CIE LCh color 88, 11.352, 198.678 looks on a white background.

Color Contrast Check

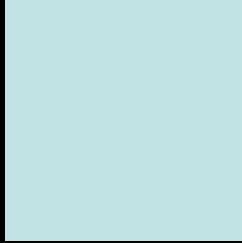
Large Text (above 18pt) WCAG AA × Fail

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, 11.352, 198.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

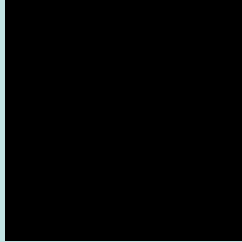
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

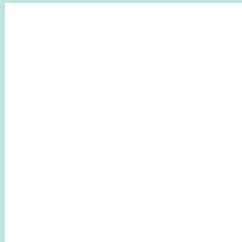
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 11.352, 198.678

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.352, 198.678.



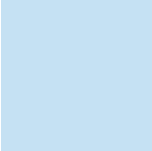
This preview shows how white text looks on a background with the CIELCh color 88, 11.352, 198.678.

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](#).

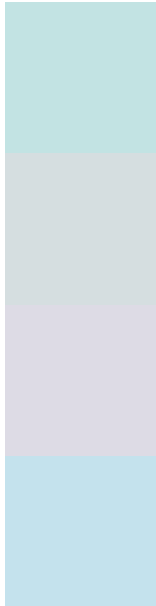
Dichromacy





Tritanopia
88, 13.066, 245.170

Trichromacy



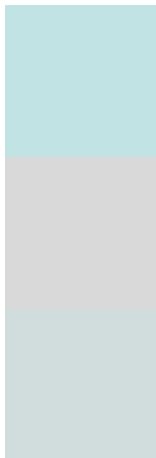
Original Color
88, 11.352, 198.678

Protanomaly
88, 3.333, 217.651

Deuteranomaly
88, 5.290, 298.292

Tritanomaly
88, 11.512, 228.888

Monochromacy



Original Color
88, 11.352, 198.678

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.248, 199.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.352, 198.678 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(194, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 227)  
}
```

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(194, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.352, 198.678 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(194, 227, 227) }
```

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

```
.border{ border-color:rgb(194, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 227, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 227, 227); box-shadow:4px 4px 4px 4px rgb(194, 227, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.352, 198.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 227) }
```

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

```
.background{ background-color: rgb(194,  
227, 227) }
```

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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