

Converting Colors

CIELCh(88, 10.409, 192.359)

Have a look what the booklet for
CIELCh(88, 10.409, 192.359)
contains.

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Color

CIELCh(88, 10.475, 192.997)

Conversions

Conversions Part 1

Format	Color
Hex	C5E3E1
RGB	197, 227, 225
RGB Percent	77%, 89%, 88%
CMY	0.2284, 0.1107, 0.1186
CMYK	0.13, 0.00, 0.01, 0.11
HSL	176°, 35%, 83%
HSV	176°, 13%, 89%
XYZ	63.9229, 72.0653, 81.6004
YIQ	217.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

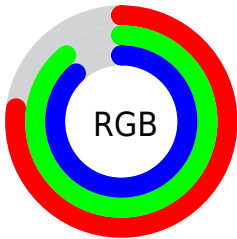
Format	Color
RYB	197, 213, 227
Decimal	12968929
CIELab	88.00, -10.21, -2.36
CIELCh	88, 10.475, 192.997
Yxy	72.0653, 0.2938, 0.3312
Android (android.graphics.Color)	4291159009 (0xFFC5E3E1)
YUV	217.8020, 3.5486, -18.2434
Hunter-Lab	84.8913, -14.1497, 2.4323

Details

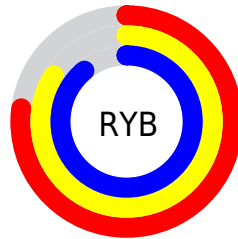
The CIELCh color `88, 10.475, 192.997` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `82, 11.284, 14.896`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `68, 10.584, 192.554` is the 20% darker color. If you saturate the color by 10%, you get `87, 17.910, 192.263`, and if you desaturate by 10%, it is `90, 2.609, 193.867`.

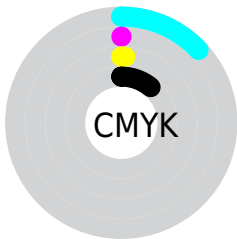
Distribution



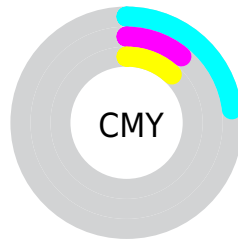
- Red (77%)
- Green (89%)
- Blue (88%)



- Red (77%)
- Yellow (84%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)





- Cyan (23%)
- Magenta (11%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 10.475, 192.997 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, 10.475, 192.997 by changing the saturation by 10% instead.


 88, 10.475,
192.997


 88, 10.475,
192.997


 100, 10.475,
192.997


 78, 10.475,
192.997


 68, 10.475,
192.997

 58, 10.475,
192.997

 48, 10.475,
192.997

 38, 10.475,
192.997

 28, 10.475,
192.997

 18, 10.475,

192.997

■ 8, 10.475, 192.997

■ 0, 10.475, 192.997

■ 88, 10.475,
192.997

■ 88, 10.475,
192.997

■ 87, 17.910,
192.263

■ 90, 2.609, 193.867

■ 85, 24.780,
191.557

■ 91, 5.569, 14.242

■ 84, 30.948,
190.858

■ 92, 10.341, 12.843

■ 83, 36.288,
190.158

■ 92, 10.447, 8.604

■ 83, 40.698,

■ 93, 10.609, 4.474

■ 93, 10.827, 0.490

189.449

93, 11.096,
356.685

82, 44.116,
188.719

93, 11.413,
353.078

82, 46.536,
187.951

93, 11.774,
349.683

82, 48.026,
187.132

82, 48.652,
186.552

Harmonies

Complementary

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



88, 10.475, 192.997



82, 11.284, 14.896

Rectangle

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



88, 10.475, 192.997



88, 10.475, 242.997



88, 10.475, 12.997



88, 10.475, 62.997

Sweetspot

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



88, 10.476, 192.988



99, 3.551, 193.765



87, 18.659, 141.473



53, 2.520, 193.683



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, 10.476, 192.988



97, 13.839, 192.776



85, 8.818, 247.544



46, 4.497, 193.278



65, 40.204, 186.705



17, 16.338, 188.204

Inverse Universe

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



82, 11.284, 14.896



89, 15.163, 15.181



85, 9.281, 64.440



44, 4.739, 14.535



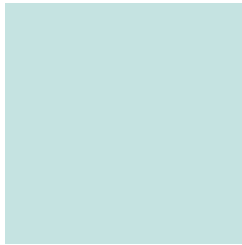
36, 76.351, 37.243



6, 25.397, 18.130

Previews

White Background



This preview shows how the CIELCh color 88, 10.475, 192.997 looks on a white background.

Color Contrast Check

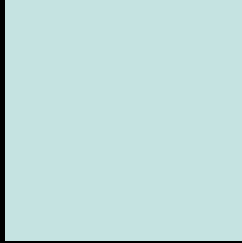
Large Text (above 18pt) WCAG AA × Fail

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, 10.475, 192.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

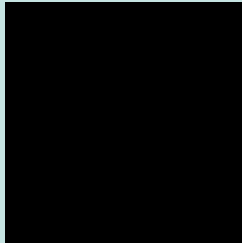
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

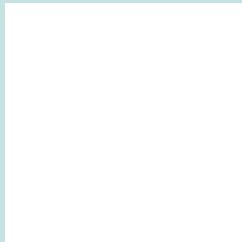
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 10.475, 192.997

Background



This preview shows how black text looks on a background with the CIELCh color 88, 10.475, 192.997.

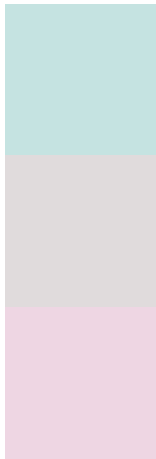


This preview shows how white text looks on a background with the CIELCh color 88, 10.475, 192.997.

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, 10.475, 192.997

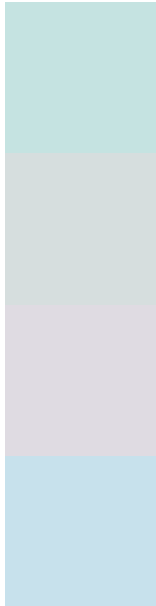
Protanopia
88, 1.884, 3.157

Deuteranopia
88, 11.018, 342.249



Tritanopia
88, 12.215, 249.588

Trichromacy



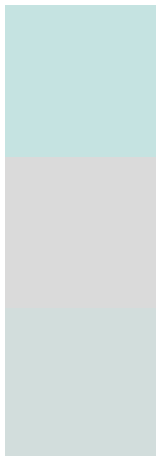
Original Color
88, 10.475, 192.997

Protanomaly
88, 2.841, 199.415

Deuteranomaly
88, 3.949, 311.614

Tritanomaly
88, 10.412, 232.543

Monochromacy



Original Color
88, 10.475, 192.997

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.948, 191.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 10.475, 192.997 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(197, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 227, 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(197, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 227, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 10.475, 192.997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

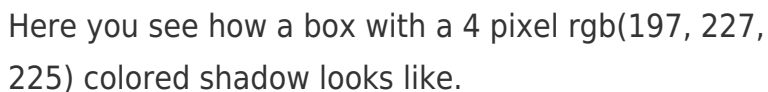
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 227, 225) }
```

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

```
.border{ border-color:rgb(197, 227, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 227, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 227, 225); box-shadow:4px 4px 4px 4px rgb(197, 227, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 10.475, 192.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 227, 225) }
```

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

```
.background{ background-color: rgb(197,  
227, 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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