

Converting Colors

CIELCh(80, 36.397, 193.545)

Have a look what the booklet for
CIELCh(80, 36.397, 193.545)
contains.

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Color

CIELCh(80, 36.337, 193.492)

Conversions

Conversions Part 1

Format	Color
Hex	5CD9D5
RGB	92, 217, 213
RGB Percent	36%, 85%, 84%
CMY	0.6394, 0.1492, 0.1648
CMYK	0.58, 0.00, 0.02, 0.15
HSL	178°, 62%, 61%
HSV	178°, 58%, 85%
XYZ	41.2178, 56.6813, 71.6936
YIQ	179.1690, -73.2160, -27.7440

Conversions

Conversions Part 2

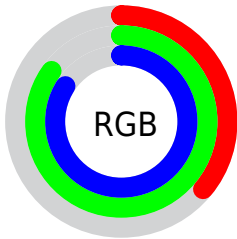
Format	Color
RYB	92, 156, 217
Decimal	6085077
CIELab	80.00, -35.33, -8.48
CIELCh	80, 36.337, 193.492
Yxy	56.6813, 0.2430, 0.3342
Android (android.graphics.Color)	4284275157 (0xFF5CD9D5)
YUV	179.1690, 16.6787, -76.4472
Hunter-Lab	75.2870, -34.0278, -3.7593

Details

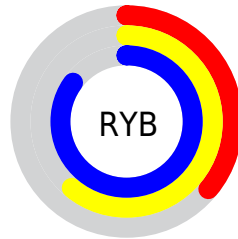
The CIELCh color **80, 36.337, 193.492** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 54.360, 24.665**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **60, 36.373, 192.702** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.996, 193.013**, and if you desaturate by 10%, it is **81, 31.737, 193.993**.

Distribution



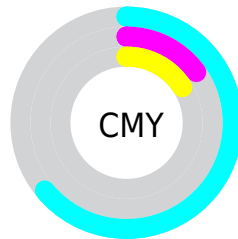
- Red (36%)
- Green (85%)
- Blue (84%)



- Red (36%)
- Yellow (61%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (64%)
- Magenta (15%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 36.337, 193.492 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 80, 36.337, 193.492 by changing the saturation by 10% instead.


 80, 36.337,
193.492


 80, 36.337,
193.492


 100, 36.337,
193.492


 70, 36.337,
193.492

 60, 36.337,
193.492

 50, 36.337,
193.492

 40, 36.337,
193.492

 30, 36.337,
193.492

 20, 36.337,
193.492

 10, 36.337,

193.492

0, 36.337, 193.492

80, 36.337,
193.492

80, 36.337,
193.492

79, 39.996,
193.013

81, 31.737,
193.993

79, 42.683,
192.554

82, 26.274,
194.526

79, 44.426,
192.103

83, 20.055,
195.092

79, 45.346,
191.649

84, 13.206,
195.694

79, 45.512,
191.541

85, 5.856, 196.361

87, 1.875, 16.584

■ 89, 9.877, 17.484

■ 90, 14.067, 17.133

■ 90, 14.075, 15.677

Harmonies

Complementary

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



80, 36.337, 193.492



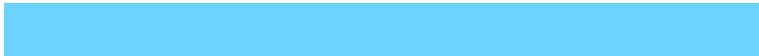
55, 54.360, 24.665

Rectangle

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



80, 36.337, 193.492



80, 36.337, 243.492



80, 36.337, 13.492



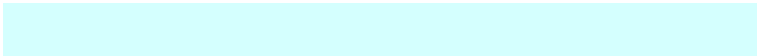
80, 36.337, 63.492

Sweetspot

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



80, 36.337, 193.490



97, 14.550, 195.723



78, 77.021, 138.895



51, 9.675, 195.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 36.337, 193.490



92, 45.884, 192.919



63, 36.331, 263.373



45, 4.386, 196.229



64, 38.488, 191.612



16, 15.385, 192.417

Inverse Universe

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



55, 54.360, 24.665



59, 75.423, 28.272



68, 44.705, 64.903



43, 4.639, 17.339



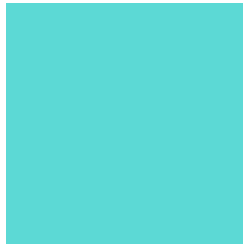
36, 76.860, 38.611



5, 23.791, 18.890

Previews

White Background



This preview shows how the CIELCh color 80, 36.337, 193.492 looks on a white background.

Color Contrast Check

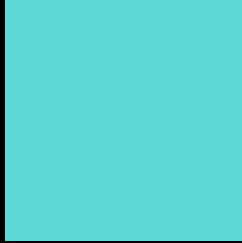
Large Text (above 18pt) WCAG AA × Fail

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 80, 36.337, 193.492 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

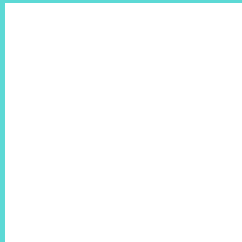
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 36.337, 193.492

Background



This preview shows how black text looks on a background with the CIELCh color 80, 36.337, 193.492.

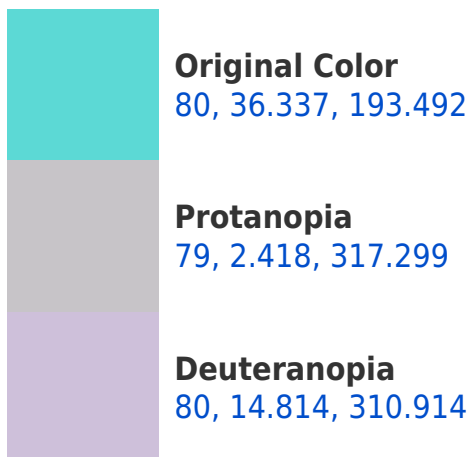


This preview shows how white text looks on a background with the CIELCh color 80, 36.337, 193.492.

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
80, 33.183, 213.320

Trichromacy



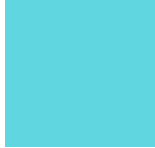
Original Color
80, 36.337, 193.492



Protanomaly
79, 15.076, 200.373



Deuteranomaly
79, 14.306, 232.934

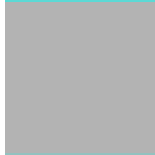


Tritanomaly
80, 33.966, 205.343

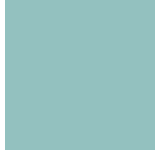
Monochromacy



Original Color
80, 36.337, 193.492



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 15.997, 194.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 36.337, 193.492 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(92, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(92, 217, 213)  
}
```

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(92, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 217, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 36.337, 193.492 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(92, 217, 213) }
```

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

```
.border{ border-color:rgb(92, 217, 213) }
```

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

Here you see how a box with a 4 pixel rgb(92, 217, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(92, 217,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 36.337, 193.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 217, 213) }
```

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

```
.background{ background-color: rgb(92, 217,  
213) }
```

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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