

Converting Colors

CIELCh(80, 36.000, 195.728)

Have a look what the booklet for
CIELCh(80, 36.000, 195.728)
contains.

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Color

CIELCh(80, 36.065, 195.207)

Conversions

Conversions Part 1

Format	Color
Hex	5CD9D7
RGB	92, 217, 215
RGB Percent	36%, 85%, 84%
CMY	0.6401, 0.1498, 0.1576
CMYK	0.58, 0.00, 0.01, 0.15
HSL	179°, 62%, 61%
HSV	179°, 58%, 85%
XYZ	41.3919, 56.6813, 72.9148
YIQ	179.3970, -73.8580, -27.1220

Conversions

Conversions Part 2

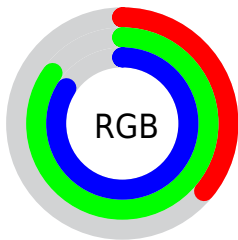
Format	Color
RYB	92, 155, 217
Decimal	6085079
CIELab	80.00, -34.80, -9.46
CIELCh	80, 36.065, 195.207
Yxy	56.6813, 0.2421, 0.3315
Android (android.graphics.Color)	4284275159 (0xFF5CD9D7)
YUV	179.3970, 17.5523, -76.6472
Hunter-Lab	75.2870, -33.6151, -4.7210

Details

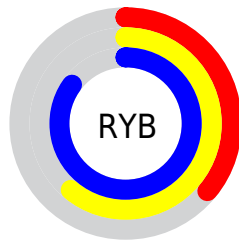
The CIELCh color **80, 36.065, 195.207** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 54.721, 25.809**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **60, 36.017, 194.527** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.637, 194.848**, and if you desaturate by 10%, it is **81, 31.547, 195.608**.

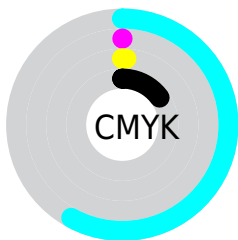
Distribution



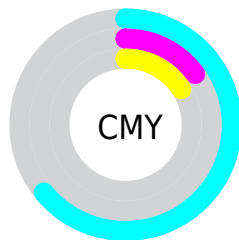
- Red (36%)
- Green (85%)
- Blue (84%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 36.065, 195.207 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, 36.065, 195.207 by changing the saturation by 10% instead.


 80, 36.065,
195.207


 80, 36.065,
195.207


 100, 36.065,
195.207


 70, 36.065,
195.207

 60, 36.065,
195.207

 50, 36.065,
195.207

 40, 36.065,
195.207

 30, 36.065,
195.207

 20, 36.065,
195.207

 10, 36.065,

195.207

0, 36.065, 195.207

80, 36.065,
195.207

80, 36.065,
195.207

79, 39.637,
194.848

81, 31.547,
195.608

79, 42.235,
194.533

82, 26.157,
196.058

79, 43.893,
194.251

83, 20.000,
196.555

79, 44.732,
193.994

84, 13.199,
197.100

79, 44.876,
193.936

85, 5.882, 197.720

87, 1.830, 17.895

■ 89, 9.827, 18.771

■ 90, 14.134, 18.781

■ 90, 14.131, 18.058

Harmonies

Complementary

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



80, 36.065, 195.207



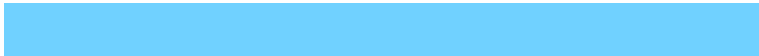
55, 54.721, 25.809

Rectangle

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



80, 36.065, 195.207



80, 36.065, 245.207



80, 36.065, 15.207



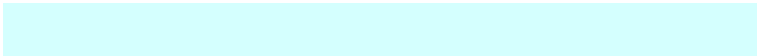
80, 36.065, 65.207

Sweetspot

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



80, 36.065, 195.205



97, 14.510, 197.130



78, 77.358, 139.190



51, 9.646, 197.014



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, 36.065, 195.205



92, 45.467, 194.783



63, 37.142, 265.359



45, 4.377, 197.599



64, 37.981, 193.972



16, 15.222, 194.384

Inverse Universe

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



55, 54.721, 25.809



59, 76.043, 29.345



68, 44.811, 66.526



43, 4.638, 18.637



36, 77.543, 39.276



5, 23.814, 19.580

Previews

White Background



This preview shows how the CIELCh color 80, 36.065, 195.207 looks on a white background.

Color Contrast Check

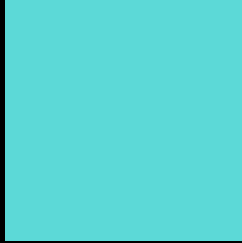
Large Text (above 18pt) WCAG AA × Fail

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, 36.065, 195.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

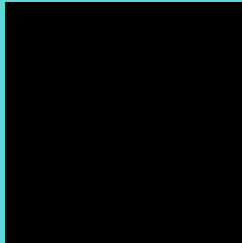
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 36.065, 195.207

Background



This preview shows how black text looks on a background with the CIELCh color 80, 36.065, 195.207.

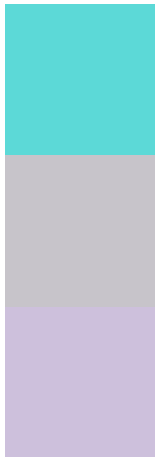


This preview shows how white text looks on a background with the CIELCh color 80, 36.065, 195.207.

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
80, 36.065, 195.207

Protanopia
80, 3.402, 309.162

Deuteranopia
80, 15.712, 308.407



Tritanopia
80, 33.221, 214.284

Trichromacy



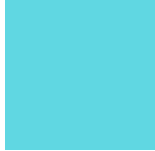
Original Color
80, 36.065, 195.207



Protanomaly
79, 15.049, 204.497



Deuteranomaly
79, 15.100, 235.874

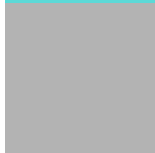


Tritanomaly
80, 33.905, 207.230

Monochromacy



Original Color
80, 36.065, 195.207



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 15.915, 196.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 36.065, 195.207 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(92, 217, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 217, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 36.065, 195.207 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, 215) }
```

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

```
.border{ border-color:rgb(92, 217, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(92, 217,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 36.065, 195.207 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, 215) }
```

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

```
.background{ background-color: rgb(92, 217,  
215) }
```

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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