

Converting Colors

CIELCh(79, 36.722, 196.921)

Have a look what the booklet for
CIELCh(79, 36.722, 196.921)
contains.

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Color

CIELCh(79, 36.626, 196.867)

Conversions

Conversions Part 1

Format	Color
Hex	54D6D6
RGB	84, 214, 214
RGB Percent	33%, 84%, 84%
CMY	0.6698, 0.1602, 0.1602
CMYK	0.61, 0.00, 0.00, 0.16
HSL	180°, 61%, 59%
HSV	180°, 61%, 84%
XYZ	39.9161, 54.9284, 72.2205
YIQ	175.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

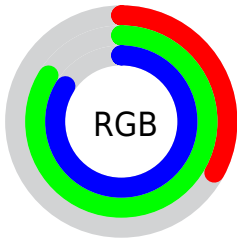
Format	Color
RYB	84, 149, 214
Decimal	5560022
CIELab	79.00, -35.05, -10.63
CIELCh	79, 36.626, 196.867
Yxy	54.9284, 0.2389, 0.3288
Android (android.graphics.Color)	4283750102 (0xFF54D6D6)
YUV	175.1300, 19.1629, -79.9210
Hunter-Lab	74.1137, -33.5624, -5.8959

Details

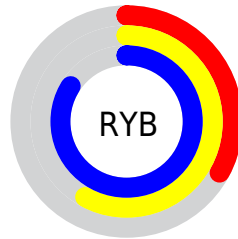
The CIELCh color **79, 36.626, 196.867** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **53, 57.748, 27.699**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.611, 197.412**, and **59, 35.206, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.804, 196.654**, and if you desaturate by 10%, it is **80, 32.495, 197.143**.

Distribution



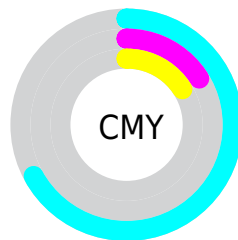
- Red (33%)
- Green (84%)
- Blue (84%)



- Red (33%)
- Yellow (58%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (67%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.626, 196.867 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 79, 36.626, 196.867 by changing the saturation by 10% instead.

 79, 36.626,
196.867

 79, 36.626,
196.867


 100, 36.626,
196.867


 69, 36.626,
196.867


 99, 36.626,
196.867

 59, 36.626,
196.867

 49, 36.626,
196.867

 39, 36.626,
196.867

 29, 36.626,
196.867

 19, 36.626,
196.867

 9, 36.626, 196.867

0, 36.626, 196.867

79, 36.626,
196.867

79, 36.626,
196.867

79, 39.804,
196.654

80, 32.495,
197.143

78, 42.022,
196.508

80, 27.468,
197.487

78, 43.336,
196.422

81, 21.639,
197.893

78, 43.931,
196.383

83, 15.124,
198.360

84, 8.046, 198.896

86, 0.529, 200.464

87, 7.315, 19.859

■ 89, 15.189, 20.483

■ 89, 15.189, 20.482

Harmonies

Complementary

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



79, 36.626, 196.867



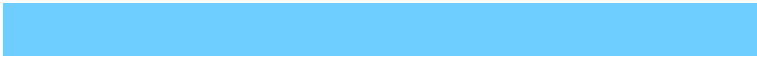
53, 57.748, 27.699

Rectangle

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



79, 36.626, 196.867



79, 36.626, 246.867



79, 36.626, 16.867



79, 36.626, 66.867

Sweetspot

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



79, 36.626, 196.865



97, 15.282, 198.486



77, 79.940, 138.864



51, 10.520, 198.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 36.626, 196.865



92, 46.291, 196.603



61, 38.568, 266.338



44, 4.287, 198.972



63, 37.123, 196.383



15, 14.559, 196.383

Inverse Universe

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



53, 57.748, 27.699



58, 81.401, 31.749



66, 46.972, 66.148



42, 4.550, 19.927



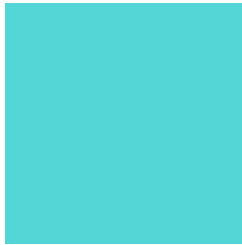
35, 77.348, 39.898



5, 22.000, 19.766

Previews

White Background



This preview shows how the CIELCh color 79, 36.626, 196.867 looks on a white background.

Color Contrast Check

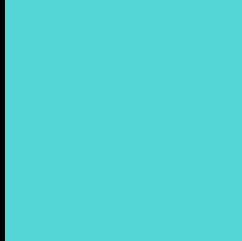
Large Text (above 18pt) WCAG AA × Fail

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 79, 36.626, 196.867 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

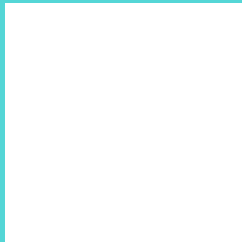
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.626, 196.867

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.626, 196.867.

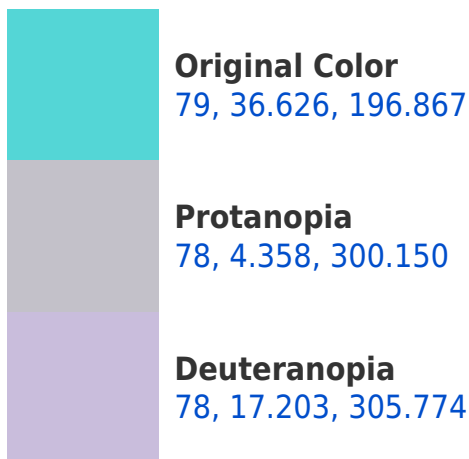


This preview shows how white text looks on a background with the CIELCh color 79, 36.626, 196.867.

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



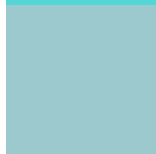


Tritanopia
79, 34.190, 212.792

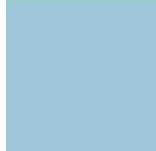
Trichromacy



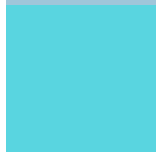
Original Color
79, 36.626, 196.867



Protanomaly
78, 15.737, 208.169



Deuteranomaly
78, 16.489, 239.463

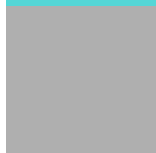


Tritanomaly
79, 34.744, 206.936

Monochromacy



Original Color
79, 36.626, 196.867



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 16.203, 198.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.626, 196.867 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(84, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(84, 214, 214)  
}
```

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(84, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 214, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.626, 196.867 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(84, 214, 214) }
```

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

```
.border{ border-color:rgb(84, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(84, 214,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.626, 196.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 214, 214) }
```

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

```
.background{ background-color: rgb(84, 214,  
214) }
```

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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