

Converting Colors

CIELCh(79, 36.251, 196.883)

Have a look what the booklet for
CIELCh(79, 36.251, 196.883)
contains.

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Color

CIElCh(79, 36.280, 196.890)

Conversions

Conversions Part 1

Format	Color
Hex	56D6D6
RGB	86, 214, 214
RGB Percent	34%, 84%, 84%
CMY	0.6627, 0.1608, 0.1608
CMYK	0.60, 0.00, 0.00, 0.16
HSL	180°, 61%, 59%
HSV	180°, 60%, 84%
XYZ	40.0235, 54.9284, 72.1131
YIQ	175.7280, -76.2880, -27.1360

Conversions

Conversions Part 2

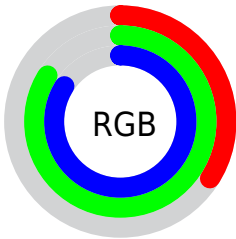
Format	Color
RYB	86, 150, 214
Decimal	5691094
CIELab	79.00, -34.72, -10.54
CIELCh	79, 36.280, 196.890
Yxy	54.9284, 0.2396, 0.3288
Android (android.graphics.Color)	4283881174 (0xFF56D6D6)
YUV	175.7280, 18.8681, -78.6915
Hunter-Lab	74.1137, -33.3039, -5.8100

Details

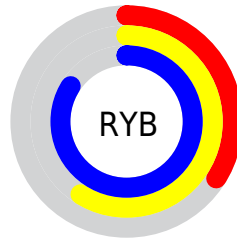
The CIELCh color **79, 36.280, 196.890** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 56.780, 27.463**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.372, 197.427**, and **59, 35.206, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **78, 39.541, 196.671**, and if you desaturate by 10%, it is **80, 32.069, 197.172**.

Distribution



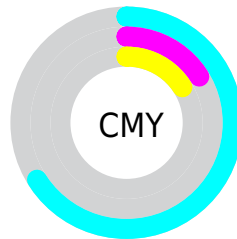
- Red (34%)
- Green (84%)
- Blue (84%)



- Red (34%)
- Yellow (59%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (66%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.280, 196.890 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, 36.280, 196.890 by changing the saturation by 10% instead.


 79, 36.280,
196.890


 79, 36.280,
196.890


 100, 36.280,
196.890


 69, 36.280,
196.890


 99, 36.280,
196.890

 59, 36.280,
196.890

 49, 36.280,
196.890

 39, 36.280,
196.890

 29, 36.280,
196.890

 19, 36.280,
196.890

 9, 36.280, 196.890

■ 0, 36.280, 196.890

■ 79, 36.280,
196.890

■ 79, 36.280,
196.890

■ 78, 39.541,
196.671

■ 80, 32.069,
197.172

■ 78, 41.842,
196.520

■ 81, 26.971,
197.521

■ 78, 43.230,
196.429

■ 82, 21.080,
197.933

■ 78, 43.896,
196.385

■ 83, 14.514,
198.405

■ 78, 43.907,
196.384

■ 84, 7.397, 198.949

■ 86, 0.149, 15.527

■ 87, 8.012, 19.919

■ 89, 15.250, 20.489

■ 89, 15.250, 20.489

Harmonies

Complementary

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



79, 36.280, 196.890



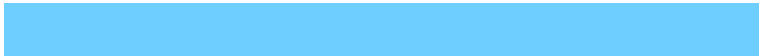
54, 56.780, 27.463

Rectangle

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



79, 36.280, 196.890



79, 36.280, 246.890



79, 36.280, 16.890



79, 36.280, 66.890

Sweetspot

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



79, 36.280, 196.888



97, 15.282, 198.487



77, 78.938, 138.961



51, 10.520, 198.339



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, 36.280, 196.888



92, 46.009, 196.621



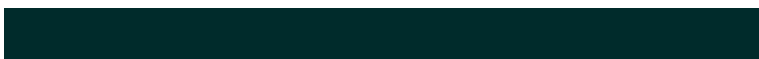
61, 38.026, 266.044



44, 4.287, 198.973



63, 37.123, 196.384



15, 14.559, 196.385

Inverse Universe

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



54, 56.780, 27.463



58, 80.235, 31.402



67, 46.185, 66.260



42, 4.550, 19.928



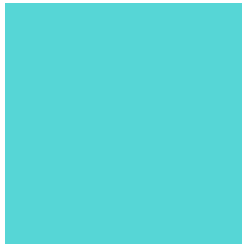
35, 77.348, 39.898



5, 22.000, 19.766

Previews

White Background



This preview shows how the CIELCh color 79, 36.280, 196.890 looks on a white background.

Color Contrast Check

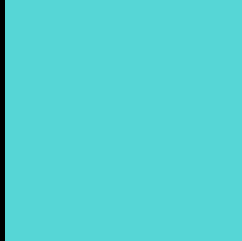
Large Text (above 18pt) WCAG AA × Fail

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, 36.280, 196.890 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

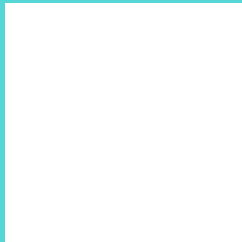
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.280, 196.890

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.280, 196.890.

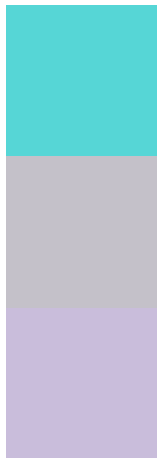


This preview shows how white text looks on a background with the CIELCh color 79, 36.280, 196.890.

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

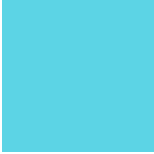
79, 36.280, 196.890

Protanopia

79, 4.437, 304.772

Deuteranopia

78, 16.686, 306.207



Tritanopia
79, 34.019, 212.882

Trichromacy



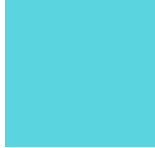
Original Color
79, 36.280, 196.890



Protanomaly
78, 15.429, 208.388



Deuteranomaly
78, 16.189, 237.868

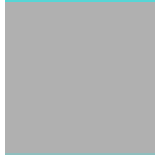


Tritanomaly
79, 34.570, 206.997

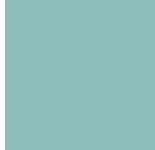
Monochromacy



Original Color
79, 36.280, 196.890



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 16.194, 198.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.280, 196.890 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(86, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(86, 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(86, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.280, 196.890 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(86, 214, 214) }
```

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

```
.border{ border-color:rgb(86, 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(86, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.280, 196.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 214) }
```

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

```
.background{ background-color: rgb(86, 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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