

Converting Colors

CIELCh(79, 31.340, 206.579)

Have a look what the booklet for
CIELCh(79, 31.340, 206.579)
contains.

CIELCh(79, 31.309, 207.230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 31.309, 207.230)

Conversions

Conversions Part 1

Format	Color
Hex	69D3DD
RGB	105, 211, 221
RGB Percent	41%, 83%, 87%
CMY	0.5874, 0.1718, 0.1326
CMYK	0.52, 0.05, 0.00, 0.13
HSL	185°, 63%, 64%
HSV	185°, 52%, 87%
XYZ	42.2671, 54.9284, 76.9131
YIQ	180.4460, -66.3860, -19.3620

Conversions

Conversions Part 2

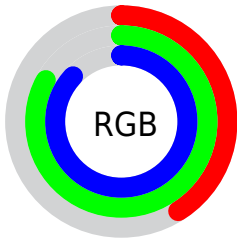
Format	Color
RYB	105, 160, 221
Decimal	6935517
CIELab	79.00, -27.84, -14.33
CIELCh	79, 31.309, 207.230
Yxy	54.9284, 0.2428, 0.3155
Android (android.graphics.Color)	4285125597 (0xFF69D3DD)
YUV	180.4460, 19.9931, -66.1661
Hunter-Lab	74.1137, -27.9003, -9.6499

Details

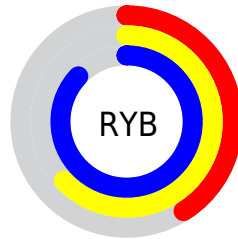
The CIELCh color **79, 31.309, 207.230** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 47.124, 31.218**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **59, 31.293, 207.369** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.971, 207.692**, and if you desaturate by 10%, it is **80, 26.757, 206.956**.

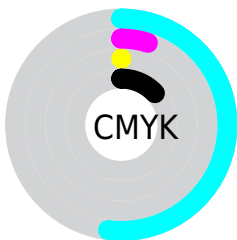
Distribution



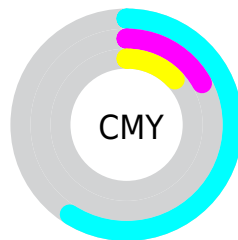
- Red (41%)
- Green (83%)
- Blue (87%)



- Red (41%)
- Yellow (63%)
- Blue (87%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (59%)
- Magenta (17%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.309, 207.230 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, 31.309, 207.230 by changing the saturation by 10% instead.


 79, 31.309,
207.230


 79, 31.309,
207.230


 100, 31.309,
207.230


 69, 31.309,
207.230


 99, 31.309,
207.230

 59, 31.309,
207.230

 49, 31.309,
207.230

 39, 31.309,
207.230

 29, 31.309,
207.230

 19, 31.309,
207.230

 9, 31.309, 207.230

■ 0, 31.309, 207.230

■ 79, 31.309,
207.230

■ 79, 31.309,
207.230

■ 78, 34.971,
207.692

■ 80, 26.757,
206.956

■ 77, 37.683,
208.382

■ 82, 21.411,
206.847

■ 76, 39.438,
209.328

■ 84, 15.385,
206.876

■ 75, 40.297,
210.560

■ 86, 8.799, 207.029

■ 75, 40.510,
211.656

■ 88, 1.768, 207.509

■ 90, 5.604, 27.338

■ 92, 11.343, 28.845

■ 92, 10.854, 34.440

■ 93, 10.479, 40.496

Harmonies

Complementary

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



79, 31.309, 207.230



61, 47.124, 31.218

Rectangle

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



79, 31.309, 207.230



79, 31.309, 257.230



79, 31.309, 27.230



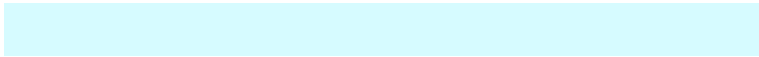
79, 31.309, 77.230

Sweetspot

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



79, 31.309, 207.228



96, 12.569, 206.957



80, 68.862, 142.233



51, 8.431, 206.925



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, 31.309, 207.228



88, 39.310, 207.755



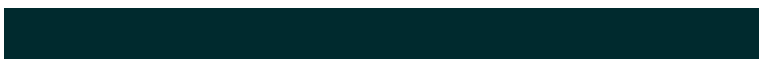
63, 39.460, 274.103



45, 4.022, 207.105



60, 33.821, 211.380



15, 13.778, 208.546

Inverse Universe

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



62, 68.175, 329.849



66, 88.583, 330.421



74, 42.388, 76.801



43, 7.543, 327.374



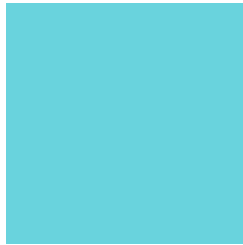
40, 80.914, 331.972



7, 32.537, 331.205

Previews

White Background



This preview shows how the CIE LCh color 79, 31.309, 207.230 looks on a white background.

Color Contrast Check

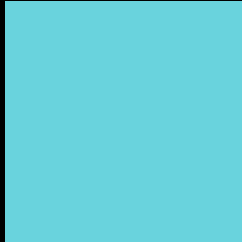
Large Text (above 18pt) WCAG AA × Fail

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, 31.309, 207.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

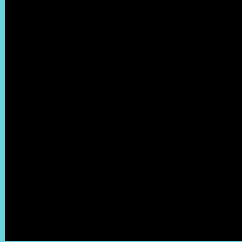
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.309, 207.230

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.309, 207.230.

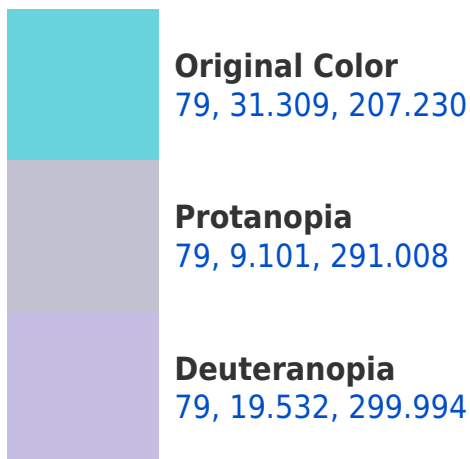


This preview shows how white text looks on a background with the CIELCh color 79, 31.309, 207.230.

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, 30.815, 214.769

Trichromacy



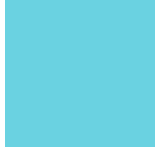
Original Color
79, 31.309, 207.230



Protanomaly
78, 14.870, 229.013



Deuteranomaly
78, 17.544, 251.704

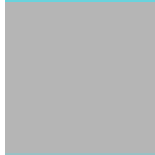


Tritanomaly
79, 30.930, 212.580

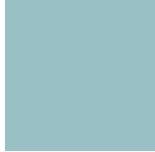
Monochromacy



Original Color
79, 31.309, 207.230



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 13.586, 207.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.309, 207.230 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(105, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(105, 211, 221)  
}
```

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(105, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 211, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.309, 207.230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

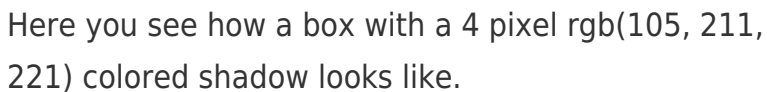
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 211, 221) }
```

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

```
.border{ border-color:rgb(105, 211, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(105, 211,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.309, 207.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 211, 221) }
```

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

```
.background{ background-color: rgb(105,  
211, 221) }
```

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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