

Converting Colors

CIELCh(79, 39.679, 208.375)

Have a look what the booklet for
CIELCh(79, 39.679, 208.375)
contains.

CIELCh(79, 39.765, 207.779)	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, 39.765, 207.779)

Conversions

Conversions Part 1

Format	Color
Hex	36D7E5
RGB	54, 215, 229
RGB Percent	21%, 84%, 90%
CMY	0.7894, 0.1576, 0.1027
CMYK	0.77, 0.06, 0.00, 0.10
HSL	185°, 77%, 55%
HSV	185°, 77%, 90%
XYZ	39.8740, 54.9284, 82.4929
YIQ	168.4570, -100.4500, -29.7780

Conversions

Conversions Part 2

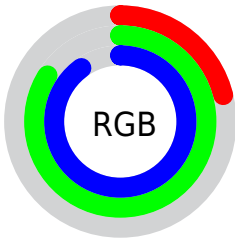
Format	Color
RYB	54, 138, 229
Decimal	3594213
CIELab	79.00, -35.18, -18.53
CIELCh	79, 39.765, 207.779
Yxy	54.9284, 0.2249, 0.3098
Android (android.graphics.Color)	4281784293 (0xFF36D7E5)
YUV	168.4570, 29.8477, -100.3788
Hunter-Lab	74.1137, -33.6639, -14.1137

Details

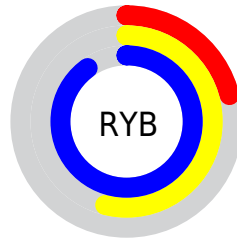
The CIELCh color **79, 39.765, 207.779** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **53, 75.427, 35.884**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.655, 197.170**, and **60, 34.087, 210.275** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.174, 208.746**, and if you desaturate by 10%, it is **80, 37.381, 207.063**.

Distribution



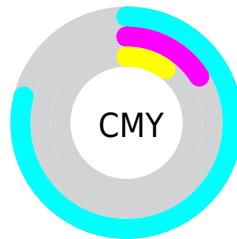
- Red (21%)
- Green (84%)
- Blue (90%)



- Red (21%)
- Yellow (54%)
- Blue (90%)



- Cyan (77%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)





- Cyan (79%)
- Magenta (16%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.765, 207.779 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, 39.765, 207.779 by changing the saturation by 10% instead.


 79, 39.765,
207.779


 79, 39.765,
207.779


 100, 39.765,
207.779


 69, 39.765,
207.779


 99, 39.765,
207.779

 59, 39.765,
207.779

 49, 39.765,
207.779

 39, 39.765,
207.779

 29, 39.765,
207.779

 19, 39.765,
207.779

 9, 39.765, 207.779

■ 0, 39.765, 207.779

■ 79, 39.765,
207.779

■ 79, 39.765,
207.779

■ 78, 41.174,
208.746

■ 80, 37.381,
207.063

■ 77, 41.713,
209.985

■ 81, 34.005,
206.572

■ 77, 41.792,
210.452

■ 82, 29.677,
206.277

■ 84, 24.481,
206.147

■ 86, 18.530,
206.158

■ 87, 11.947,
206.292

■ 89, 4.855, 206.572

■ 92, 2.632, 26.486

■ 94, 8.713, 28.238

Harmonies

Complementary

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



79, 39.765, 207.779



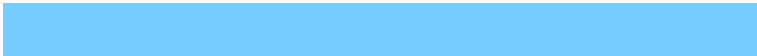
53, 75.427, 35.884

Rectangle

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



79, 39.765, 207.779



79, 39.765, 257.779



79, 39.765, 27.779



79, 39.765, 77.779

Sweetspot

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



79, 39.764, 207.778



95, 17.754, 206.190



80, 96.777, 138.717



50, 12.127, 206.157



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, 39.764, 207.778



86, 45.141, 209.459



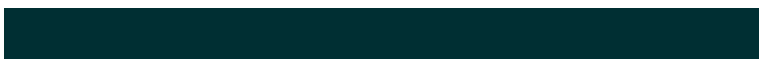
54, 58.028, 280.865



47, 4.198, 206.465



62, 34.750, 210.202



17, 14.764, 207.871

Inverse Universe

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



56, 92.440, 330.804



60, 107.390, 331.457



69, 63.872, 71.451



45, 7.864, 327.190



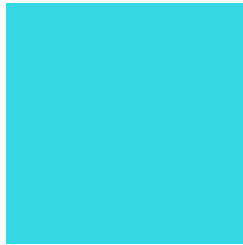
42, 83.066, 331.683



8, 35.196, 331.112

Previews

White Background



This preview shows how the CIE LCh color 79, 39.765, 207.779 looks on a white background.

Color Contrast Check

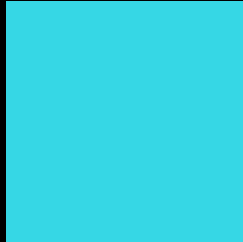
Large Text (above 18pt) WCAG AA × Fail

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, 39.765, 207.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

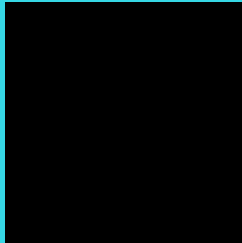
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.765, 207.779

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.765, 207.779.

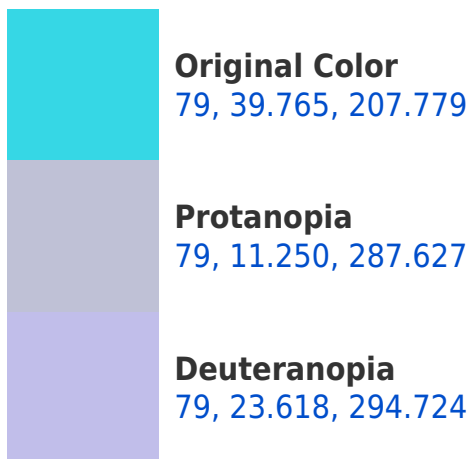



This preview shows how white text looks on a background with the CIELCh color 79, 39.765, 207.779.

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



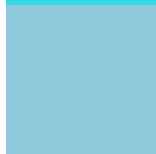


Tritanopia
79, 39.308, 211.228

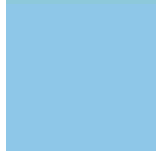
Trichromacy



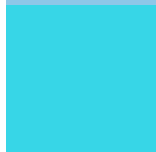
Original Color
79, 39.765, 207.779



Protanomaly
78, 21.118, 225.582



Deuteranomaly
78, 24.415, 245.335

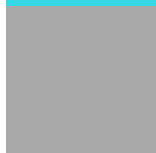


Tritanomaly
79, 39.418, 210.356

Monochromacy



Original Color
79, 39.765, 207.779



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 19.717, 205.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.765, 207.779 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(54, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(54, 215, 229)  
}
```

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(54, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 215, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.765, 207.779 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(54, 215, 229) }
```

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

```
.border{ border-color:rgb(54, 215, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 215, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 215, 229);  
box-shadow:4px 4px 4px 4px rgb(54, 215,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.765, 207.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 215, 229) }
```

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

```
.background{ background-color: rgb(54, 215,  
229) }
```

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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