

Converting Colors

CIELCh(79, 41.320, 195.889)

Have a look what the booklet for
CIELCh(79, 41.320, 195.889)
contains.

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Color

CIELCh(79, 41.286, 195.820)

Conversions

Conversions Part 1

Format	Color
Hex	36D8D7
RGB	54, 216, 215
RGB Percent	21%, 85%, 84%
CMY	0.7868, 0.1521, 0.1561
CMYK	0.75, 0.00, 0.00, 0.15
HSL	180°, 68%, 53%
HSV	180°, 75%, 85%
XYZ	38.4406, 54.9284, 73.0036
YIQ	167.4480, -96.2310, -34.6550

Conversions

Conversions Part 2

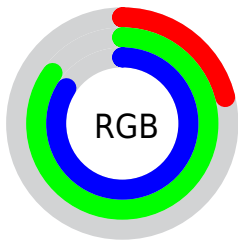
Format	Color
RYB	54, 135, 216
Decimal	3594455
CIELab	79.00, -39.72, -11.26
CIELCh	79, 41.286, 195.820
Yxy	54.9284, 0.2311, 0.3302
Android (android.graphics.Color)	4281784535 (0xFF36D8D7)
YUV	167.4480, 23.4431, -99.4939
Hunter-Lab	74.1137, -37.1162, -6.5223

Details

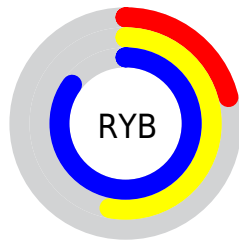
The CIELCh color **79, 41.286, 195.820** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **49, 72.799, 31.775**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.074, 197.146**, and **60, 35.369, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.152, 195.632**, and if you desaturate by 10%, it is **79, 38.465, 196.059**.

Distribution



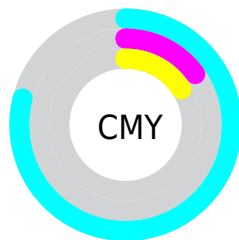
- Red (21%)
- Green (85%)
- Blue (84%)



- Red (21%)
- Yellow (53%)
- Blue (85%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (79%)
- Magenta (15%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.286, 195.820 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, 41.286, 195.820 by changing the saturation by 10% instead.


 79, 41.286,
195.820

 79, 41.286,
195.820


 100, 41.286,
195.820


 69, 41.286,
195.820


 99, 41.286,
195.820

 59, 41.286,
195.820

 49, 41.286,
195.820

 39, 41.286,
195.820

 29, 41.286,
195.820

 19, 41.286,
195.820

 9, 41.286, 195.820

■ 0, 41.286, 195.820

■ 79, 41.286,
195.820

■ 79, 41.286,
195.820

■ 79, 43.152,
195.632

■ 79, 38.465,
196.059

■ 79, 44.149,
195.490

■ 80, 34.675,
196.356

■ 79, 44.447,
195.428

■ 81, 29.954,
196.711

■ 82, 24.385,
197.124

■ 83, 18.076,
197.593

■ 84, 11.153,
198.119

■ 86, 3.742, 198.768

■ 87, 4.040, 19.044

■ 89, 12.086, 19.742

Harmonies

Complementary

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



79, 41.286, 195.820



49, 72.799, 31.775

Rectangle

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



79, 41.286, 195.820



79, 41.286, 245.820



79, 41.286, 15.820



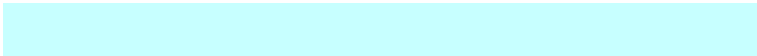
79, 41.286, 65.820

Sweetspot

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



79, 41.286, 195.819



96, 18.454, 197.726



76, 94.058, 137.388



51, 12.284, 197.589



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, 41.286, 195.819



91, 49.660, 195.542



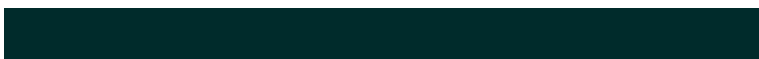
56, 47.228, 271.645



44, 4.289, 198.440



63, 37.288, 195.443



15, 14.611, 195.615

Inverse Universe

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



49, 72.799, 31.775



54, 98.417, 37.458



63, 59.560, 64.203



42, 4.549, 19.427



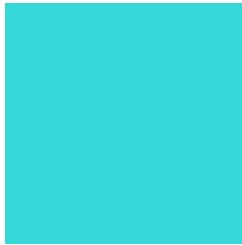
35, 77.084, 39.648



5, 21.994, 19.490

Previews

White Background



This preview shows how the CIELCh color 79, 41.286, 195.820 looks on a white background.

Color Contrast Check

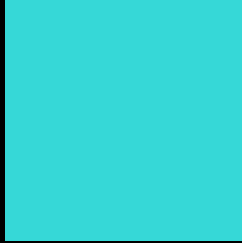
Large Text (above 18pt) WCAG AA × Fail

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, 41.286, 195.820 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

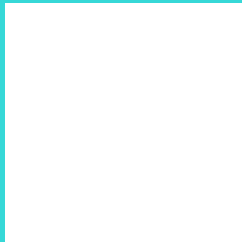
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 41.286, 195.820

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.286, 195.820.

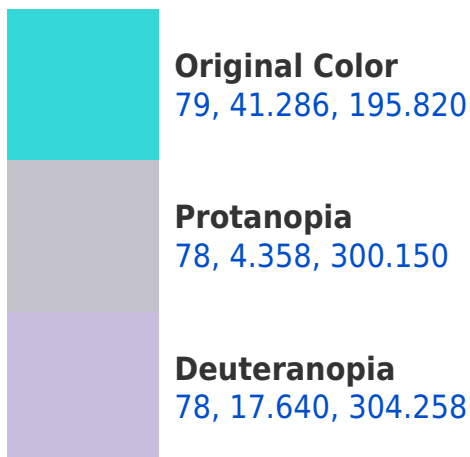


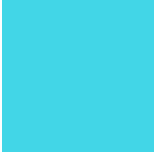
This preview shows how white text looks on a background with the CIELCh color 79, 41.286, 195.820.

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, 38.203, 210.866

Trichromacy



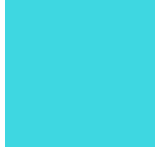
Original Color
79, 41.286, 195.820



Protanomaly
77, 19.036, 206.220



Deuteranomaly
77, 19.583, 231.838

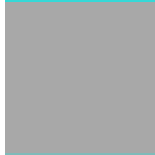


Tritanomaly
79, 39.091, 204.749

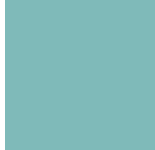
Monochromacy



Original Color
79, 41.286, 195.820



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 19.965, 196.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.286, 195.820 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, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(54, 216, 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(54, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 216, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.286, 195.820 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, 216, 215) }
```

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

```
.border{ border-color:rgb(54, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(54, 216,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.286, 195.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 216, 215) }
```

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

```
.background{ background-color: rgb(54, 216,  
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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