

Converting Colors

CIELCh(79, 32.382, 185.536)

Have a look what the booklet for
CIELCh(79, 32.382, 185.536)
contains.

CIELCh(79, 32.356, 185.572)	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, 32.356, 185.572)

Conversions

Conversions Part 1

Format	Color
Hex	70D4C8
RGB	112, 212, 200
RGB Percent	44%, 83%, 78%
CMY	0.5593, 0.1672, 0.2143
CMYK	0.47, 0.00, 0.06, 0.17
HSL	173°, 54%, 64%
HSV	173°, 47%, 83%
XYZ	40.8337, 54.9284, 63.3156
YIQ	180.7320, -55.7480, -24.9320

Conversions

Conversions Part 2

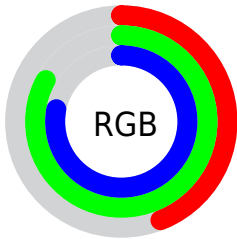
Format	Color
RYB	112, 165, 212
Decimal	7394504
CIELab	79.00, -32.20, -3.14
CIELCh	79, 32.356, 185.572
Yxy	54.9284, 0.2567, 0.3453
Android (android.graphics.Color)	4285584584 (0xFF70D4C8)
YUV	180.7320, 9.4991, -60.2780
Hunter-Lab	74.1137, -31.3526, 1.2279

Details

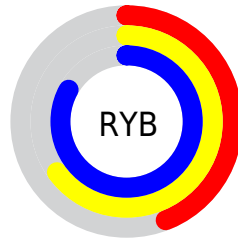
The CIELCh color **79, 32.356, 185.572** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 41.918, 15.654**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **59, 32.376, 185.330** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.426, 184.623**, and if you desaturate by 10%, it is **80, 26.502, 186.470**.

Distribution



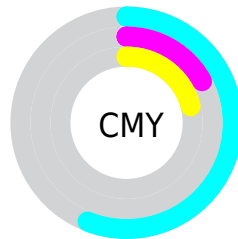
- Red (44%)
- Green (83%)
- Blue (78%)



- Red (44%)
- Yellow (65%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)





- Cyan (56%)
- Magenta (17%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.356, 185.572 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, 32.356, 185.572 by changing the saturation by 10% instead.


 79, 32.356,
185.572

 79, 32.356,
185.572


 100, 32.356,
185.572


 69, 32.356,
185.572


 99, 32.356,
185.572

 59, 32.356,
185.572

 49, 32.356,
185.572

 39, 32.356,
185.572

 29, 32.356,
185.572

 19, 32.356,
185.572

 9, 32.356, 185.572

0, 32.356, 185.572

79, 32.356,
185.572

79, 32.356,
185.572

78, 37.426,
184.623

80, 26.502,
186.470

78, 41.619,
183.613

81, 19.982,
187.337

77, 44.884,
182.519

82, 12.926,
188.185

77, 47.231,
181.322

84, 5.464, 189.057

77, 48.760,
180.010

86, 2.287, 9.508

77, 49.135,
179.622

87, 10.224, 10.478

89, 16.017, 9.719

■ 89, 16.252, 5.123

■ 89, 16.593, 0.691

Harmonies

Complementary

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



79, 32.356, 185.572



59, 41.918, 15.654

Rectangle

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



79, 32.356, 185.572



79, 32.356, 235.572



79, 32.356, 5.572



79, 32.356, 55.572

Sweetspot

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



79, 32.356, 185.570



97, 12.365, 188.435



78, 61.356, 137.750



52, 8.498, 188.249



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, 32.356, 185.570



92, 43.237, 184.573



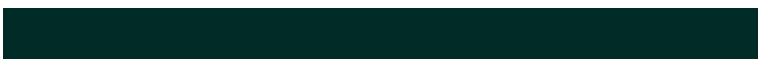
69, 26.975, 247.144



44, 4.391, 188.843



63, 41.695, 179.842



15, 15.949, 182.575

Inverse Universe

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



59, 41.918, 15.654



65, 59.720, 18.173



67, 34.855, 55.869



42, 4.598, 10.265



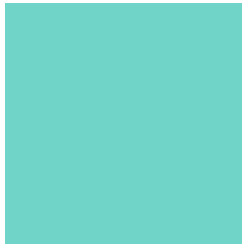
35, 72.321, 34.470



5, 21.975, 14.412

Previews

White Background



This preview shows how the CIELCh color 79, 32.356, 185.572 looks on a white background.

Color Contrast Check

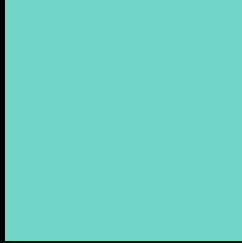
Large Text (above 18pt) WCAG AA × Fail

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, 32.356, 185.572 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

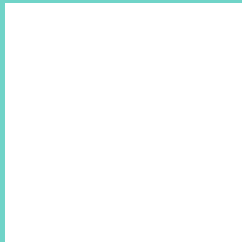
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.356, 185.572

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.356, 185.572.



This preview shows how white text looks on a background with the CIELCh color 79, 32.356, 185.572.

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](#).

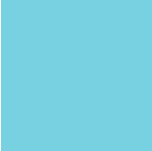
Dichromacy



Original Color
79, 32.356, 185.572

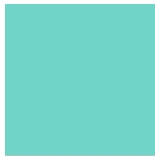
Protanopia
79, 2.812, 68.522

Deuteranopia
79, 11.056, 329.620



Tritanopia
79, 27.775, 215.736

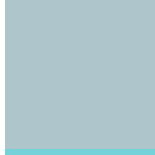
Trichromacy



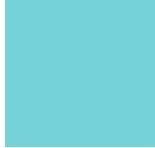
Original Color
79, 32.356, 185.572



Protanomaly
78, 12.398, 180.879



Deuteranomaly
78, 8.938, 220.014

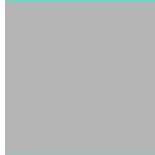


Tritanomaly
79, 28.529, 203.954

Monochromacy



Original Color
79, 32.356, 185.572



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 12.981, 188.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.356, 185.572 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(112, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(112, 212, 200)  
}
```

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(112, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 212, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.356, 185.572 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(112, 212, 200) }
```

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

```
.border{ border-color:rgb(112, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(112, 212,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.356, 185.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 212, 200) }
```

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

```
.background{ background-color: rgb(112,  
212, 200) }
```

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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