

Converting Colors

CIELCh(79, 32.497, 217.445)

Have a look what the booklet for
CIELCh(79, 32.497, 217.445)
contains.

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Color

CIELCh(79, 32.540, 216.759)

Conversions

Conversions Part 1

Format	Color
Hex	64D3E7
RGB	100, 211, 231
RGB Percent	39%, 83%, 91%
CMY	0.6088, 0.1734, 0.0950
CMYK	0.57, 0.09, 0.00, 0.10
HSL	189°, 73%, 65%
HSV	189°, 57%, 90%
XYZ	42.8577, 54.9284, 83.7762
YIQ	180.0910, -72.5760, -17.3120

Conversions

Conversions Part 2

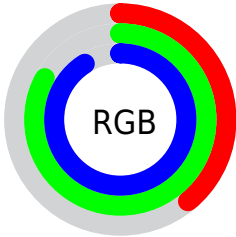
Format	Color
RYB	100, 160, 231
Decimal	6607847
CIELab	79.00, -26.07, -19.47
CIELCh	79, 32.540, 216.759
Yxy	54.9284, 0.2360, 0.3025
Android (android.graphics.Color)	4284797927 (0xFF64D3E7)
YUV	180.0910, 25.0981, -70.2398
Hunter-Lab	74.1137, -26.4778, -15.1403

Details

The CIELCh color **79, 32.540, 216.759** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 51.253, 36.612**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.133, 197.623**, and **59, 32.525, 216.480** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.802, 218.078**, and if you desaturate by 10%, it is **81, 28.387, 215.783**.

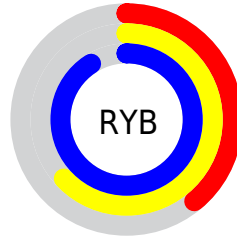
Distribution



Red (39%)

Green (83%)

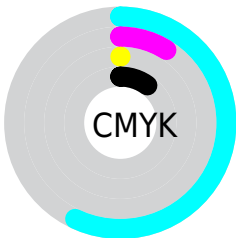
Blue (91%)



Red (39%)

Yellow (63%)

Blue (91%)

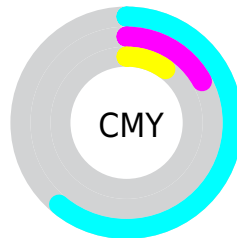


Cyan (57%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (61%)


Magenta (17%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.540, 216.759 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, 32.540, 216.759 by changing the saturation by 10% instead.


 79, 32.540,
216.759


 79, 32.540,
216.759


 100, 32.540,
216.759


 69, 32.540,
216.759


 99, 32.540,
216.759

 59, 32.540,
216.759

 49, 32.540,
216.759

 39, 32.540,
216.759

 29, 32.540,
216.759

 19, 32.540,
216.759

 9, 32.540, 216.759

0, 32.540, 216.759

79, 32.540,
216.759

79, 32.540,
216.759

77, 35.802,
218.078

81, 28.387,
215.783

76, 38.139,
219.810

83, 23.426,
215.091

74, 39.582,
222.022

85, 17.761,
214.631

73, 40.250,
224.752

87, 11.507,
214.363

73, 40.391,
225.697

90, 4.778, 214.293

92, 2.325, 33.866

95, 7.474, 38.354

■ 95, 7.149, 55.382

■ 96, 7.482, 72.352

Harmonies

Complementary

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



79, 32.540, 216.759



63, 51.253, 36.612

Rectangle

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



79, 32.540, 216.759



79, 32.540, 266.759



79, 32.540, 36.759



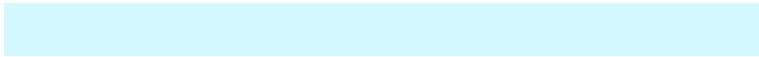
79, 32.540, 86.759

Sweetspot

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



79, 32.539, 216.757



95, 12.633, 214.369



82, 73.072, 143.574



50, 8.397, 214.410



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, 32.539, 216.757



84, 39.079, 218.325



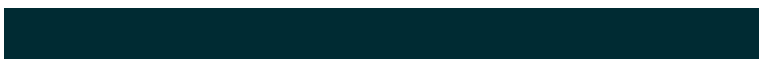
61, 48.725, 280.987



47, 3.960, 214.284



58, 33.340, 225.144



15, 14.086, 220.130

Inverse Universe

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



62, 72.129, 332.495



64, 89.350, 333.253



78, 49.370, 82.063



45, 7.475, 329.469



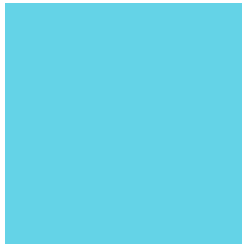
41, 78.508, 335.387



8, 33.547, 334.125

Previews

White Background



This preview shows how the CIE LCh color 79, 32.540, 216.759 looks on a white background.

Color Contrast Check

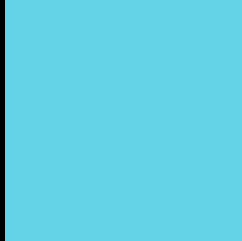
Large Text (above 18pt) WCAG AA × Fail

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, 32.540, 216.759 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, 32.540, 216.759

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.540, 216.759.



This preview shows how white text looks on a background with the CIELCh color 79, 32.540, 216.759.

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

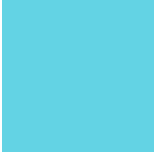
79, 32.540, 216.759

Protanopia

79, 13.932, 287.163

Deuteranopia

79, 24.152, 294.711

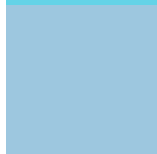


Tritanopia
79, 32.567, 213.695

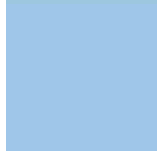
Trichromacy



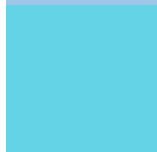
Original Color
79, 32.540, 216.759



Protanomaly
78, 18.424, 243.192



Deuteranomaly
78, 22.071, 257.444

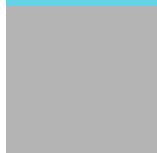


Tritanomaly
79, 32.610, 214.679

Monochromacy



Original Color
79, 32.540, 216.759



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 14.102, 214.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.540, 216.759 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(100, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(100, 211, 231)  
}
```

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(100, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 211, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.540, 216.759 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(100, 211, 231) }
```

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

```
.border{ border-color:rgb(100, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(100, 211,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.540, 216.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 211, 231) }
```

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

```
.background{ background-color: rgb(100,  
211, 231) }
```

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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