

Converting Colors

CIELCh(79, 32.335, 212.598)

Have a look what the booklet for
CIELCh(79, 32.335, 212.598)
contains.

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Color

CIELCh(79, 32.346, 212.813)

Conversions

Conversions Part 1

Format	Color
Hex	64D3E3
RGB	100, 211, 227
RGB Percent	39%, 83%, 89%
CMY	0.6072, 0.1720, 0.1093
CMYK	0.56, 0.07, 0.00, 0.11
HSL	188°, 70%, 64%
HSV	188°, 56%, 89%
XYZ	42.4848, 54.9284, 81.1366
YIQ	179.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

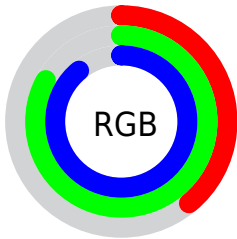
Format	Color
RYB	100, 159, 227
Decimal	6607843
CIELab	79.00, -27.18, -17.53
CIElCh	79, 32.346, 212.813
Yxy	54.9284, 0.2379, 0.3076
Android (android.graphics.Color)	4284797923 (0xFF64D3E3)
YUV	179.6350, 23.3509, -69.8399
Hunter-Lab	74.1137, -27.3759, -13.0287

Details

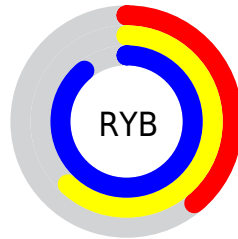
The CIELCh color **79, 32.346, 212.813** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 50.539, 34.549**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **59, 32.327, 213.342** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.663, 213.788**, and if you desaturate by 10%, it is **81, 28.126, 212.118**.

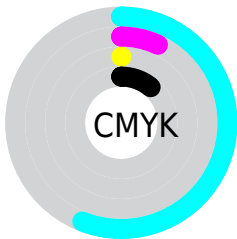
Distribution



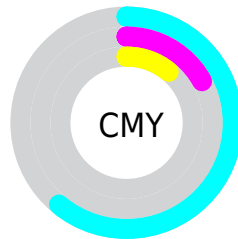
- Red (39%)
- Green (83%)
- Blue (89%)



- Red (39%)
- Yellow (62%)
- Blue (89%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)





- Cyan (61%)
- Magenta (17%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.346, 212.813 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, 32.346, 212.813 by changing the saturation by 10% instead.


 79, 32.346,
212.813

 79, 32.346,
212.813


 100, 32.346,
212.813


 69, 32.346,
212.813


 99, 32.346,
212.813

 59, 32.346,
212.813

 49, 32.346,
212.813

 39, 32.346,
212.813

 29, 32.346,
212.813

 19, 32.346,
212.813

 9, 32.346, 212.813

0, 32.346, 212.813

79, 32.346,
212.813

79, 32.346,
212.813

78, 35.663,
213.788

81, 28.126,
212.118

76, 38.034,
215.102

82, 23.090,
211.660

75, 39.479,
216.806

84, 17.346,
211.394

74, 40.094,
218.941

87, 11.012,
211.292

74, 40.215,
219.896

89, 4.202, 211.379

91, 2.977, 31.120

93, 8.925, 33.294

■ 94, 8.414, 44.592

■ 95, 8.266, 56.789

Harmonies

Complementary

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



79, 32.346, 212.813



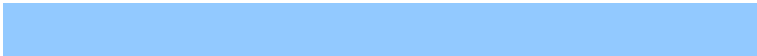
61, 50.539, 34.549

Rectangle

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



79, 32.346, 212.813



79, 32.346, 262.813



79, 32.346, 32.813



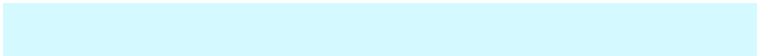
79, 32.346, 82.813

Sweetspot

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



79, 32.345, 212.811



96, 12.880, 211.296



81, 72.830, 142.723



51, 8.560, 211.308



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, 32.345, 212.811



86, 39.383, 213.965



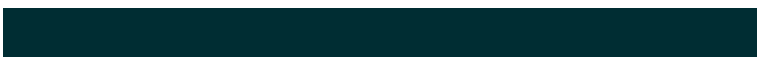
61, 45.121, 278.054



47, 4.038, 211.315



59, 33.614, 219.478



16, 14.266, 215.472

Inverse Universe

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



62, 71.588, 331.442



65, 90.076, 332.122



76, 47.105, 79.297



45, 7.616, 328.607



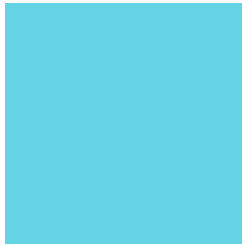
41, 80.135, 333.963



8, 34.139, 332.975

Previews

White Background



This preview shows how the CIELCh color 79, 32.346, 212.813 looks on a white background.

Color Contrast Check

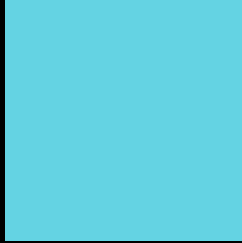
Large Text (above 18pt) WCAG AA × Fail

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, 32.346, 212.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

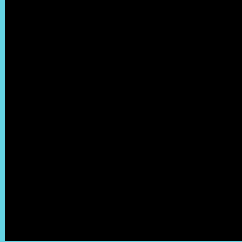
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.346, 212.813

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.346, 212.813.

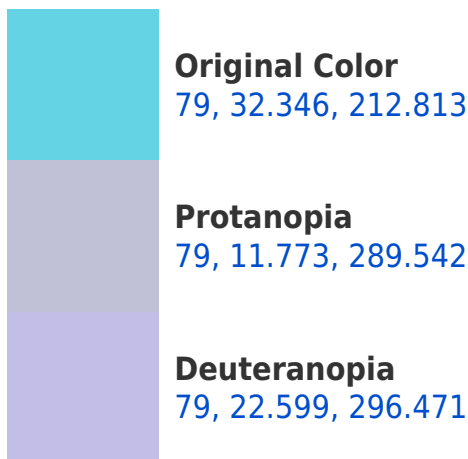


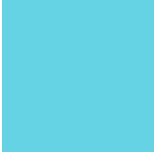
This preview shows how white text looks on a background with the CIELCh color 79, 32.346, 212.813.

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, 32.193, 213.913

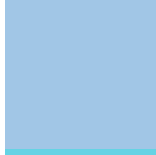
Trichromacy



Original Color
79, 32.346, 212.813



Protanomaly
78, 16.652, 236.477



Deuteranomaly
78, 20.496, 256.002

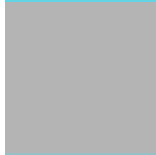


Tritanomaly
79, 32.193, 213.913

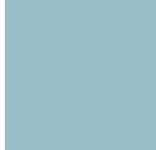
Monochromacy



Original Color
79, 32.346, 212.813



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 14.019, 211.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.346, 212.813 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(100, 211, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 211, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.346, 212.813 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, 227) }
```

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

```
.border{ border-color:rgb(100, 211, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(100, 211,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.346, 212.813 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, 227) }
```

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

```
.background{ background-color: rgb(100,  
211, 227) }
```

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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