

Converting Colors

CIELCh(66, 35.851, 221.200)

Have a look what the booklet for
CIELCh(66, 35.851, 221.200)
contains.

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Color

CIELCh(66, 35.896, 220.959)

Conversions

Conversions Part 1

Format	Color
Hex	18B0CA
RGB	24, 176, 202
RGB Percent	9%, 69%, 79%
CMY	0.9065, 0.3114, 0.2095
CMYK	0.88, 0.13, 0.00, 0.21
HSL	189°, 79%, 44%
HSV	189°, 88%, 79%
XYZ	26.4266, 35.3238, 61.0393
YIQ	133.5160, -98.9380, -24.1380

Conversions

Conversions Part 2

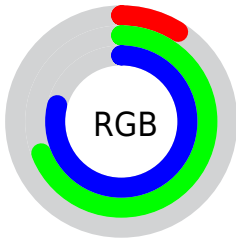
Format	Color
R_{YB}	24, 106, 202
Decimal	1618122
CIE _{Lab}	66.00, -27.11, -23.53
CIE _{LCh}	66, 35.896, 220.959
Yxy	35.3238, 0.2152, 0.2877
Android (android.graphics.Color)	4279808202 (0xFF18B0CA)
YUV	133.5160, 33.7626, -96.0455
Hunter-Lab	59.4338, -24.6413, -19.2879

Details

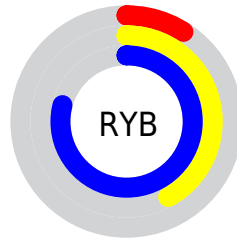
The CIELCh color **66, 35.896, 220.959** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **45, 76.576, 40.771**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 35.661, 217.361**, and **47, 29.022, 228.136** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.452, 223.544**, and if you desaturate by 10%, it is **67, 34.676, 218.842**.

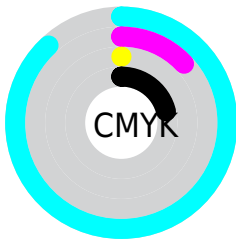
Distribution



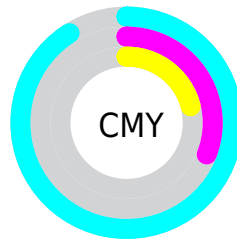
- Red (9%)
- Green (69%)
- Blue (79%)



- Red (9%)
- Yellow (42%)
- Blue (79%)



- Cyan (88%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)





- Cyan (91%)
- Magenta (31%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 35.896, 220.959 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 66, 35.896, 220.959 by changing the saturation by 10% instead.


 66, 35.896,
220.959


 66, 35.896,
220.959


 100, 35.896,
220.959


 56, 35.896,
220.959


 86, 35.896,
220.959

 46, 35.896,
220.959

 96, 35.896,
220.959

 36, 35.896,
220.959

 26, 35.896,
220.959

 16, 35.896,
220.959

 6, 35.896, 220.959

 0, 35.896, 220.959

■ 66, 35.896,
220.959

■ 66, 35.896,
220.959

■ 65, 36.452,
223.544

■ 67, 34.676,
218.842

■ 65, 36.533,
224.034

■ 68, 32.658,
217.181

■ 70, 29.809,
215.915

■ 71, 26.157,
214.981

■ 73, 21.772,
214.321

■ 75, 16.744,
213.886

■ 77, 11.177,
213.635

■ 79, 5.172, 213.565

Harmonies

Complementary

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



66, 35.896, 220.959



45, 76.576, 40.771

Rectangle

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



66, 35.896, 220.959



66, 35.896, 270.959



66, 35.896, 40.959



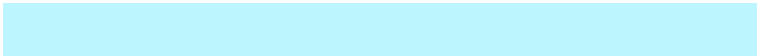
66, 35.896, 90.959

Sweetspot

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



66, 35.895, 220.958



93, 18.826, 213.827



71, 92.025, 138.710



49, 12.595, 213.946



0, 0.000, 0.000



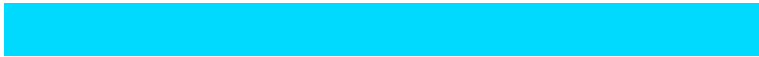
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 35.895, 220.958



80, 43.594, 224.472



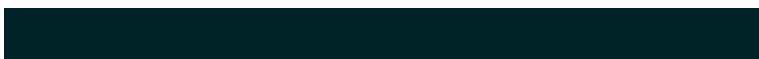
41, 68.067, 290.452



42, 3.612, 213.561



54, 31.604, 223.595



11, 11.913, 217.275

Inverse Universe

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



47, 84.624, 334.254



58, 102.848, 335.215



62, 65.092, 75.232



40, 6.815, 329.251



38, 74.732, 334.993



5, 25.780, 332.918

Previews

White Background



This preview shows how the CIE LCh color 66, 35.896, 220.959 looks on a white background.

Color Contrast Check

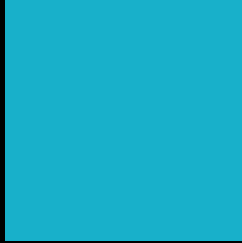
Large Text (above 18pt) WCAG AA × Fail

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 66, 35.896, 220.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

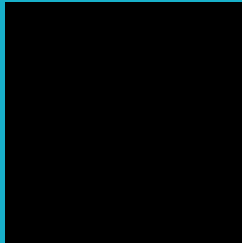
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 35.896, 220.959

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.896, 220.959.



This preview shows how white text looks on a background with the CIELCh color 66, 35.896, 220.959.

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

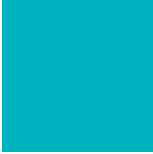
66, 35.950, 220.917

Protanopia

66, 17.257, 286.174

Deuteranopia

66, 27.790, 288.957



Tritanopia
66, 36.769, 209.005

Trichromacy



Original Color
66, 35.950, 220.917



Protanomaly
65, 23.910, 243.007



Deuteranomaly
65, 28.041, 253.565



Tritanomaly
66, 36.262, 213.902

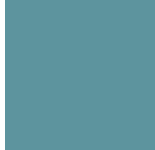
Monochromacy



Original Color
66, 35.950, 220.917



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 18.951, 215.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.896, 220.959 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(24, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(24, 176, 202)  
}
```

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(24, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 176, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.896, 220.959 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(24, 176, 202) }
```

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

```
.border{ border-color:rgb(24, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(24, 176,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.896, 220.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 176, 202) }
```

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

```
.background{ background-color: rgb(24, 176,  
202) }
```

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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