

Converting Colors

CIELCh(66, 29.114, 226.285)

Have a look what the booklet for
CIELCh(66, 29.114, 226.285)
contains.

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Color

CIELCh(66, 29.114, 226.285)

Conversions

Conversions Part 1

Format	Color
Hex	4FACC5
RGB	79, 172, 197
RGB Percent	31%, 67%, 77%
CMY	0.6890, 0.3244, 0.2264
CMYK	0.60, 0.13, 0.00, 0.23
HSL	193°, 51%, 54%
HSV	193°, 60%, 77%
XYZ	28.1608, 35.3238, 58.3188
YIQ	147.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

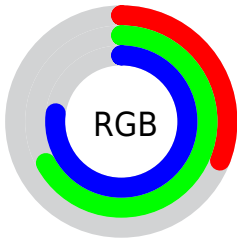
Format	Color
RYB	79, 131, 197
Decimal	5221573
CIELab	66.00, -20.12, -21.04
CIELCh	66, 29.114, 226.285
Yxy	35.3238, 0.2312, 0.2900
Android (android.graphics.Color)	4283411653 (0xFF4FACC5)
YUV	147.0430, 24.6288, -59.6737
Hunter-Lab	59.4338, -19.4327, -16.5740

Details

The CIELCh color **66, 29.114, 226.285** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **54, 46.268, 41.414**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 29.240, 225.948**, and **46, 28.307, 226.304** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.918, 228.410**, and if you desaturate by 10%, it is **68, 25.605, 224.634**.

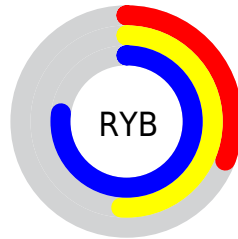
Distribution



Red (31%)

Green (67%)

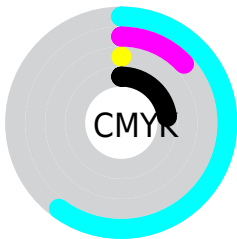
Blue (77%)



Red (31%)

Yellow (51%)

Blue (77%)

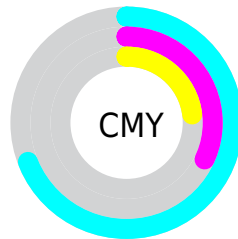


Cyan (60%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (69%)


Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 29.114, 226.285 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, 29.114, 226.285 by changing the saturation by 10% instead.

 66, 29.114,
226.285


 66, 29.114,
226.285


 100, 29.114,
226.285


 56, 29.114,
226.285


 86, 29.114,
226.285


 46, 29.114,
226.285


 96, 29.114,
226.285

 36, 29.114,
226.285

 26, 29.114,
226.285

 16, 29.114,
226.285

 6, 29.114, 226.285

 0, 29.114, 226.285

66, 29.114,
226.285

66, 29.114,
226.285

64, 31.918,
228.410

68, 25.605,
224.634

63, 34.014,
231.099

70, 21.441,
223.376

61, 35.461,
234.419

72, 16.699,
222.436

60, 36.467,
238.295

75, 11.467,
221.754

60, 36.487,
238.374

77, 5.833, 221.301

80, 0.121, 36.430

82, 6.320, 40.557

85, 12.705, 40.469

88, 18.540, 41.147

Harmonies

Complementary

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



66, 29.114, 226.285



54, 46.268, 41.414

Rectangle

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



66, 29.114, 226.285



66, 29.114, 276.285



66, 29.114, 46.285



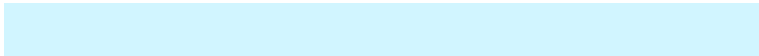
66, 29.114, 96.285

Sweetspot

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



66, 29.113, 226.284



94, 12.899, 221.670



71, 65.034, 144.777



50, 8.884, 221.838



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, 29.113, 226.284



81, 39.654, 229.231



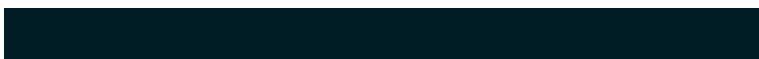
49, 48.665, 285.279



41, 3.402, 221.288



50, 31.640, 237.743



9, 11.140, 228.436

Inverse Universe

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



52, 63.755, 335.079



62, 88.964, 336.179



68, 47.180, 85.835



39, 6.371, 331.507



37, 70.347, 338.772



4, 22.210, 335.623

Previews

White Background



This preview shows how the CIELCh color 66, 29.114, 226.285 looks on a white background.

Color Contrast Check

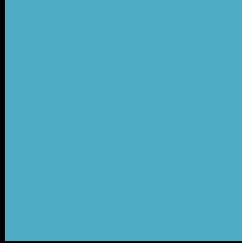
Large Text (above 18pt) WCAG AA × Fail

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, 29.114, 226.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

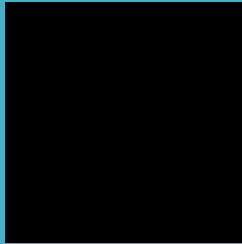
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 29.114, 226.285

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.114, 226.285.



This preview shows how white text looks on a background with the CIELCh color 66, 29.114, 226.285.

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, 29.114, 226.285

Protanopia

66, 16.681, 287.096

Deuteranopia

66, 24.997, 290.444



Tritanopia
66, 29.209, 212.812

Trichromacy



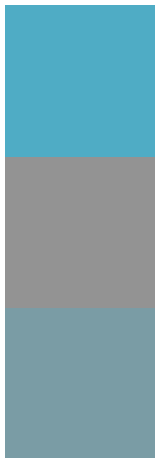
Original Color
66, 29.114, 226.285

Protanomaly
65, 19.165, 253.444

Deuteranomaly
65, 23.584, 263.075

Tritanomaly
66, 28.850, 217.814

Monochromacy



Original Color
66, 29.114, 226.285

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 12.821, 221.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.114, 226.285 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(79, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(79, 172, 197)  
}
```

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(79, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 172, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.114, 226.285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

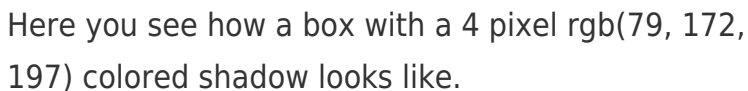
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 172, 197) }
```

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

```
.border{ border-color:rgb(79, 172, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 172, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 172, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 172, 197); box-shadow:4px 4px 4px 4px rgb(79, 172, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.114, 226.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 172, 197) }
```

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

```
.background{ background-color: rgb(79, 172,  
197) }
```

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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