

Converting Colors

CIELCh(66, 28.146, 204.043)

Have a look what the booklet for
CIELCh(66, 28.146, 204.043)
contains.

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Color

CIELCh(66, 28.128, 204.048)

Conversions

Conversions Part 1

Format	Color
Hex	51AEB4
RGB	81, 174, 180
RGB Percent	32%, 68%, 71%
CMY	0.6823, 0.3176, 0.2941
CMYK	0.55, 0.03, 0.00, 0.29
HSL	184°, 40%, 51%
HSV	184°, 55%, 71%
XYZ	26.7734, 35.3238, 48.5953
YIQ	146.8770, -57.3540, -17.8500

Conversions

Conversions Part 2

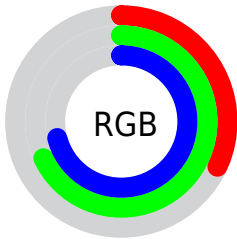
Format	Color
R _Y B	81, 129, 180
Decimal	5353140
CIE Lab	66.00, -25.69, -11.46
CIE LCh	66, 28.128, 204.048
Yxy	35.3238, 0.2419, 0.3191
Android (android.graphics.Color)	4283543220 (0xFF51AEB4)
YUV	146.8770, 16.3296, -57.7741
Hunter-Lab	59.4338, -23.5997, -6.8740

Details

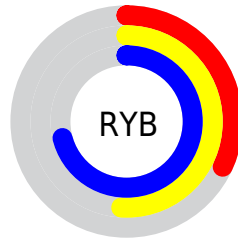
The CIELCh color **66, 28.128, 204.048** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 42.842, 29.801**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.096, 204.087**, and **46, 28.112, 203.934** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.164, 204.296**, and if you desaturate by 10%, it is **67, 24.324, 203.946**.

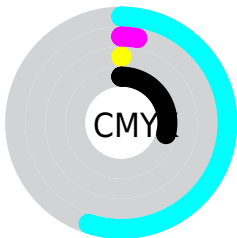
Distribution



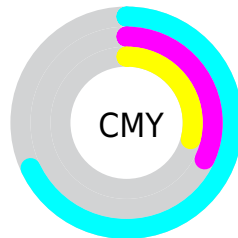
- Red (32%)
- Green (68%)
- Blue (71%)



- Red (32%)
- Yellow (51%)
- Blue (71%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (32%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 28.128, 204.048 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, 28.128, 204.048 by changing the saturation by 10% instead.

 66, 28.128,
204.048


 66, 28.128,
204.048

 100, 28.128,
204.048

 56, 28.128,
204.048


 86, 28.128,
204.048

 46, 28.128,
204.048

 96, 28.128,
204.048

 36, 28.128,
204.048

 26, 28.128,
204.048

 16, 28.128,
204.048

 6, 28.128, 204.048

 0, 28.128, 204.048

66, 28.128,
204.048

66, 28.128,
204.048

65, 31.164,
204.296

67, 24.324,
203.946

64, 33.390,
204.715

68, 19.825,
203.977

64, 34.809,
205.324

69, 14.725,
204.119

63, 35.483,
206.133

71, 9.123, 204.363

72, 3.119, 204.766

63, 35.672,
206.581

74, 3.195, 24.793

76, 9.738, 25.297

78, 16.440, 25.746

80, 23.246, 26.207

Harmonies

Complementary

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



66, 28.128, 204.048



48, 42.842, 29.801

Rectangle

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



66, 28.128, 204.048



66, 28.128, 254.048



66, 28.128, 24.048



66, 28.128, 74.048

Sweetspot

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



66, 28.128, 204.046



90, 12.028, 204.326



66, 62.215, 141.121



47, 8.064, 204.271



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 28.128, 204.046



83, 38.662, 204.370



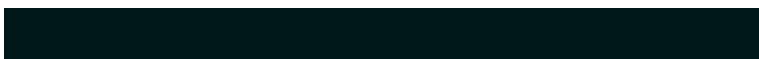
52, 33.419, 271.467



37, 3.476, 204.555



54, 31.667, 206.441



7, 8.372, 207.482

Inverse Universe

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



50, 61.216, 329.096



61, 87.205, 329.650



60, 37.156, 73.417



35, 6.478, 326.605



36, 75.316, 330.760



3, 15.273, 327.006

Previews

White Background



This preview shows how the CIE LCh color 66, 28.128, 204.048 looks on a white background.

Color Contrast Check

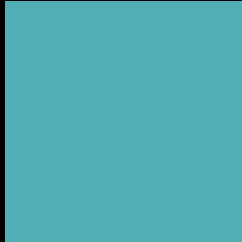
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 28.128, 204.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

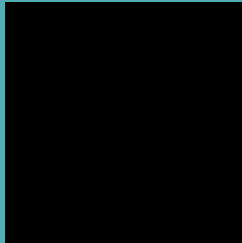
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

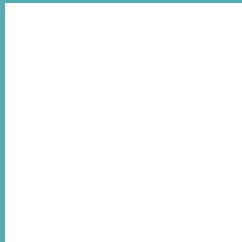
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 28.128, 204.048

Background



This preview shows how black text looks on a background with the CIELCh color 66, 28.128, 204.048.

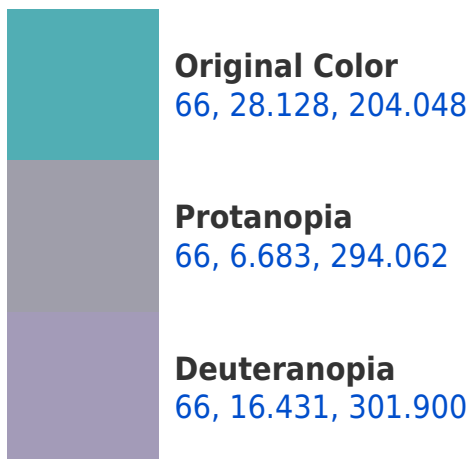


This preview shows how white text looks on a background with the CIELCh color 66, 28.128, 204.048.

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
66, 27.278, 214.090

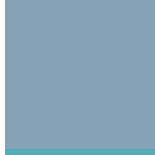
Trichromacy



Original Color
66, 28.128, 204.048



Protanomaly
65, 12.642, 224.752



Deuteranomaly
65, 15.035, 250.075



Tritanomaly
66, 27.395, 210.317

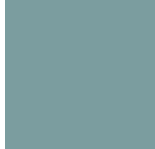
Monochromacy



Original Color
66, 28.128, 204.048



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 12.221, 203.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 28.128, 204.048 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(81, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(81, 174, 180)  
}
```

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(81, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 174, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 28.128, 204.048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

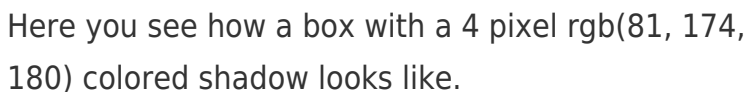
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 174, 180) }
```

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

```
.border{ border-color:rgb(81, 174, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(81, 174,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 28.128, 204.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 174, 180) }
```

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

```
.background{ background-color: rgb(81, 174,  
180) }
```

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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