

Converting Colors

CIELCh(66, 29.974, 214.623)

Have a look what the booklet for
CIELCh(66, 29.974, 214.623)
contains.

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Color

CIELCh(66, 29.974, 214.623)

Conversions

Conversions Part 1

Format	Color
Hex	47AEBE
RGB	71, 174, 190
RGB Percent	28%, 68%, 75%
CMY	0.7216, 0.3177, 0.2549
CMYK	0.63, 0.08, 0.00, 0.25
HSL	188°, 48%, 51%
HSV	188°, 63%, 75%
XYZ	27.0243, 35.3238, 54.1023
YIQ	145.0270, -66.5240, -16.8600

Conversions

Conversions Part 2

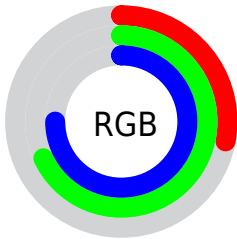
Format	Color
RYB	71, 126, 190
Decimal	4697790
CIELab	66.00, -24.67, -17.03
CIElCh	66, 29.974, 214.623
Yxy	35.3238, 0.2321, 0.3033
Android (android.graphics.Color)	4282887870 (0xFF47AEBE)
YUV	145.0270, 22.1717, -64.9217
Hunter-Lab	59.4338, -22.8461, -12.3677




Details

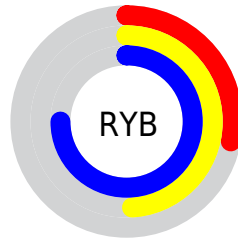
The CIELCh color **66, 29.974, 214.623** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **50, 49.694, 35.984**, and the grayscale version is **60, 0.008, 296.813**.




A 20% lighter version of the original color is **86, 29.891, 214.082**, and **46, 27.856, 217.042** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.354, 215.888**, and if you desaturate by 10%, it is **67, 26.802, 213.684**.

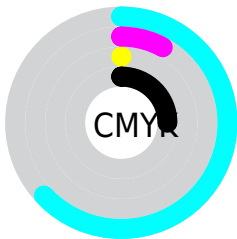
Distribution







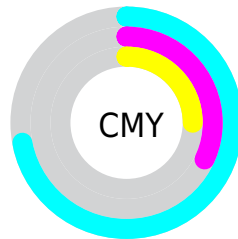
-  Red (28%)
-  Green (68%)
-  Blue (75%)






-  Red (28%)
-  Yellow (49%)
-  Blue (75%)



-  Cyan (63%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (25%)





-  Cyan (72%)
-  Magenta (32%)
-  Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 29.974, 214.623 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, 29.974, 214.623 by changing the saturation by 10% instead.

 66, 29.974,
214.623


 66, 29.974,
214.623


 100, 29.974,
214.623


 56, 29.974,
214.623


 86, 29.974,
214.623

 46, 29.974,
214.623

 96, 29.974,
214.623

 36, 29.974,
214.623

 26, 29.974,
214.623

 16, 29.974,
214.623

 6, 29.974, 214.623

 0, 29.974, 214.623

66, 29.974,
214.623

66, 29.974,
214.623

65, 32.354,
215.888

67, 26.802,
213.684

64, 33.937,
217.538

69, 22.891,
213.019

63, 34.776,
219.624

71, 18.322,
212.580

62, 35.077,
221.384

72, 13.189,
212.327

74, 7.592, 212.236

76, 1.623, 212.486

79, 4.632, 32.123

81, 11.101, 32.337

83, 17.722, 32.553

Harmonies

Complementary

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



66, 29.974, 214.623



50, 49.694, 35.984

Rectangle

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



66, 29.974, 214.623



66, 29.974, 264.623



66, 29.974, 34.623



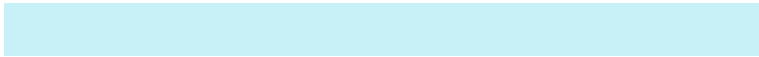
66, 29.974, 84.623

Sweetspot

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



66, 29.973, 214.622



93, 13.868, 212.279



69, 68.800, 142.394



49, 9.532, 212.320



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 29.973, 214.622



82, 40.248, 216.432



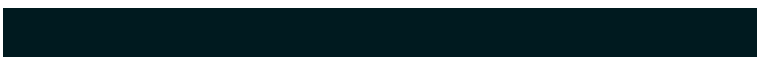
49, 44.980, 281.257



39, 3.417, 212.246



52, 30.639, 220.993



8, 9.870, 216.954

Inverse Universe

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



50, 67.536, 332.120



60, 93.641, 332.936



63, 46.118, 79.850



37, 6.443, 328.863



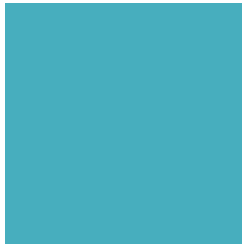
36, 72.860, 334.340



3, 18.813, 330.842

Previews

White Background



This preview shows how the CIELCh color 66, 29.974, 214.623 looks on a white background.

Color Contrast Check

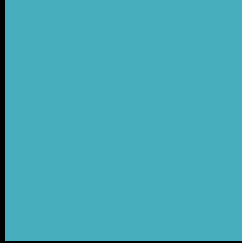
Large Text (above 18pt) WCAG AA × Fail

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, 29.974, 214.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

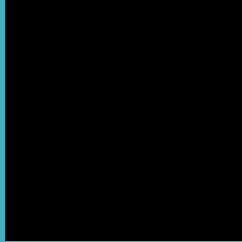
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 29.974, 214.623

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.974, 214.623.



This preview shows how white text looks on a background with the CIELCh color 66, 29.974, 214.623.

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, 29.974, 214.623

Protanopia

66, 12.224, 288.091

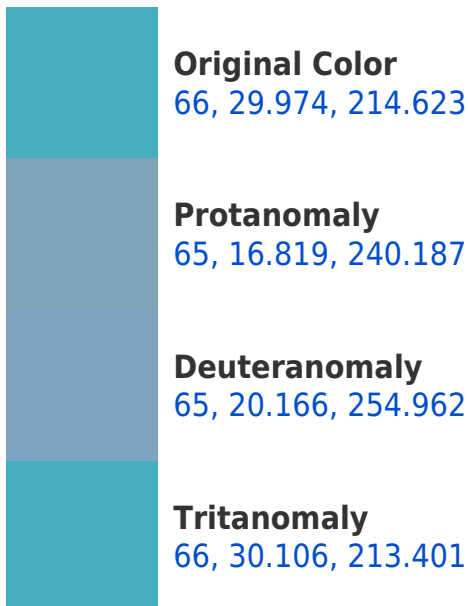
Deuteranopia

66, 21.142, 294.235



Tritanopia
66, 30.082, 212.288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.974, 214.623 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(71, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(71, 174, 190)  
}
```

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(71, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 174, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.974, 214.623 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(71, 174, 190) }
```

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

```
.border{ border-color:rgb(71, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(71, 174,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.974, 214.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 174, 190) }
```

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

```
.background{ background-color: rgb(71, 174,  
190) }
```

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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