

Converting Colors

CIELCh(68, 26.289, 240.701)

Have a look what the booklet for
CIELCh(68, 26.289, 240.701)
contains.

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Color

CIELCh(68, 26.289, 240.701)

Conversions

Conversions Part 1

Format	Color
Hex	6AAECE
RGB	106, 174, 206
RGB Percent	42%, 68%, 81%
CMY	0.5828, 0.3162, 0.1907
CMYK	0.48, 0.16, 0.00, 0.19
HSL	199°, 51%, 61%
HSV	199°, 48%, 81%
XYZ	32.3792, 37.9720, 64.2519
YIQ	157.3160, -50.8000, -4.4640

Conversions

Conversions Part 2

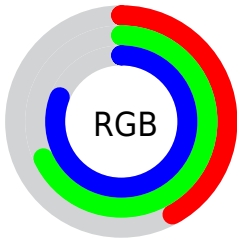
Format	Color
RYB	106, 146, 206
Decimal	6991566
CIELab	68.00, -12.86, -22.93
CIELCh	68, 26.289, 240.701
Yxy	37.9720, 0.2406, 0.2821
Android (android.graphics.Color)	4285181646 (0xFF6AAECE)
YUV	157.3160, 24.0012, -45.0041
Hunter-Lab	61.6215, -14.0441, -18.6859

Details

The CIELCh color **68, 26.289, 240.701** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **64, 35.551, 51.088**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.244, 231.110**, and **48, 26.391, 240.366** is the 20% darker color. If you saturate the color by 10%, you get **65, 30.501, 243.211**, and if you desaturate by 10%, it is **71, 21.587, 238.686**.

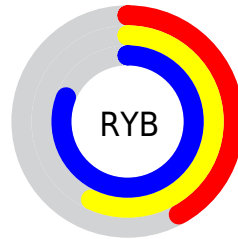
Distribution



Red (42%)

Green (68%)

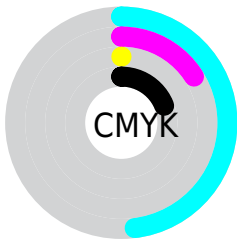
Blue (81%)



Red (42%)

Yellow (57%)

Blue (81%)

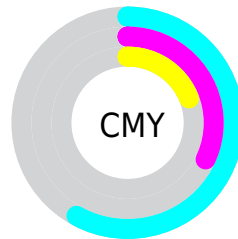


Cyan (48%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (58%)


Magenta (32%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.289, 240.701 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 68, 26.289, 240.701 by changing the saturation by 10% instead.


 68, 26.289,
240.701


 68, 26.289,
240.701


 100, 26.289,
240.701


 58, 26.289,
240.701


 88, 26.289,
240.701

 48, 26.289,
240.701

 98, 26.289,
240.701

 38, 26.289,
240.701

 28, 26.289,
240.701

 18, 26.289,
240.701

 8, 26.289, 240.701

 0, 26.289, 240.701

68, 26.289,
240.701

68, 26.289,
240.701

65, 30.501,
243.211

71, 21.587,
238.686

63, 34.206,
246.307

74, 16.448,
237.083

60, 37.431,
250.058

77, 10.935,
235.817

58, 40.272,
254.481

80, 5.116, 234.850

56, 42.916,
259.440

83, 0.946, 53.403

55, 43.338,
260.196

87, 7.194, 53.219

90, 13.579, 52.733

92, 15.039, 65.177

94, 16.206, 79.571

Harmonies

Complementary

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



68, 26.289, 240.701



64, 35.551, 51.088

Rectangle

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



68, 26.289, 240.701



68, 26.289, 290.701



68, 26.289, 60.701



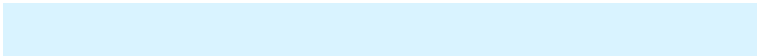
68, 26.289, 110.701

Sweetspot

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



68, 26.288, 240.700



94, 10.630, 235.467



76, 51.001, 150.405



49, 7.218, 235.692



0, 0.000, 0.000



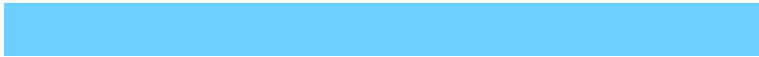
53, 0.007, 296.813

Same Dimension

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



68, 26.288, 240.700



79, 35.895, 243.283



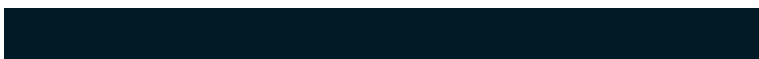
54, 47.048, 289.282



41, 3.394, 234.926



45, 36.508, 259.319



8, 12.269, 247.719

Inverse Universe

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



59, 51.447, 338.984



67, 71.227, 340.044



76, 43.630, 95.723



40, 6.022, 335.728



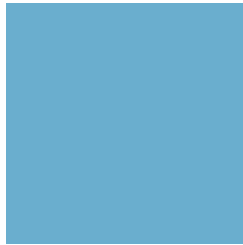
36, 66.137, 346.199



4, 22.379, 341.985

Previews

White Background



This preview shows how the CIE LCh color 68, 26.289, 240.701 looks on a white background.

Color Contrast Check

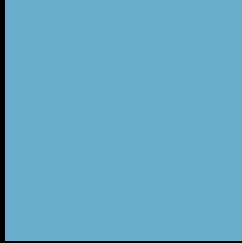
Large Text (above 18pt) WCAG AA × Fail

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 68, 26.289, 240.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

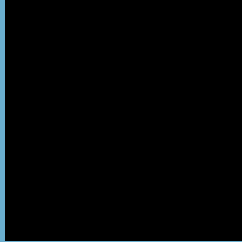
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.289, 240.701

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.289, 240.701.



This preview shows how white text looks on a background with the CIELCh color 68, 26.289, 240.701.

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
68, 24.276, 216.371

Trichromacy



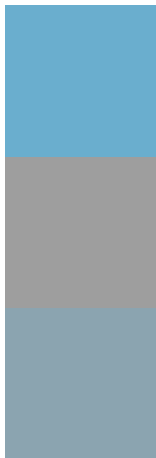
Original Color
68, 26.289, 240.701

Protanomaly
68, 21.055, 266.196

Deuteranomaly
68, 24.421, 271.597

Tritanomaly
68, 24.486, 226.317

Monochromacy



Original Color
68, 26.289, 240.701

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.891, 236.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.289, 240.701 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(106, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(106, 174, 206)  
}
```

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(106, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 174, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.289, 240.701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

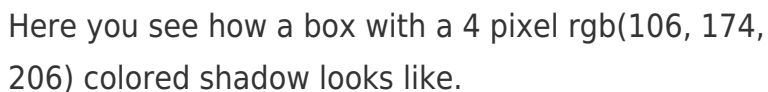
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 174, 206) }
```

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

```
.border{ border-color:rgb(106, 174, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 174, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 174, 206); box-shadow:4px 4px 4px 4px rgb(106, 174, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.289, 240.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 174, 206) }
```

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

```
.background{ background-color: rgb(106,  
174, 206) }
```

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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