

Converting Colors

CIELCh(69, 32.292, 220.540)

Have a look what the booklet for
CIELCh(69, 32.292, 220.540)
contains.

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Color

CIElCh(69, 32.283, 220.589)

Conversions

Conversions Part 1

Format	Color
Hex	46B6CD
RGB	70, 182, 205
RGB Percent	27%, 71%, 80%
CMY	0.7273, 0.2846, 0.1944
CMYK	0.66, 0.11, 0.00, 0.19
HSL	190°, 58%, 54%
HSV	190°, 66%, 81%
XYZ	30.3800, 39.3444, 64.0250
YIQ	151.1340, -74.1350, -16.5910

Conversions

Conversions Part 2

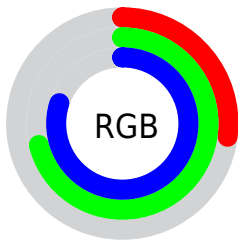
Format	Color
RYB	70, 131, 205
Decimal	4634317
CIELab	69.00, -24.52, -21.00
CIELCh	69, 32.283, 220.589
Yxy	39.3444, 0.2271, 0.2942
Android (android.graphics.Color)	4282824397 (0xFF46B6CD)
YUV	151.1340, 26.5559, -71.1545
Hunter-Lab	62.7251, -23.3151, -16.6112

Details

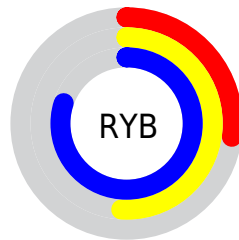
The CIELCh color **69, 32.283, 220.589** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **53, 55.421, 38.858**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 31.521, 214.060**, and **49, 29.524, 223.247** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.537, 222.494**, and if you desaturate by 10%, it is **71, 29.216, 219.122**.

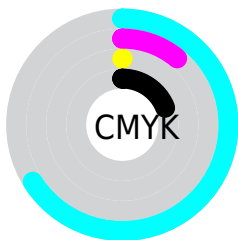
Distribution



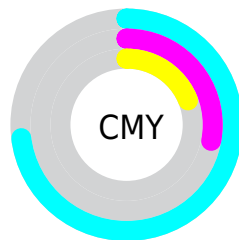
- Red (27%)
- Green (71%)
- Blue (80%)



- Red (27%)
- Yellow (51%)
- Blue (80%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)





- Cyan (73%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.283, 220.589 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 69, 32.283, 220.589 by changing the saturation by 10% instead.

 69, 32.283,
220.589

 69, 32.283,
220.589


 100, 32.283,
220.589


 59, 32.283,
220.589


 89, 32.283,
220.589

 49, 32.283,
220.589

 99, 32.283,
220.589

 39, 32.283,
220.589

 29, 32.283,
220.589

 19, 32.283,
220.589

 9, 32.283, 220.589

 0, 32.283, 220.589

69, 32.283,
220.589

69, 32.283,
220.589

68, 34.537,
222.494

71, 29.216,
219.122

66, 36.003,
224.913

72, 25.372,
218.025

65, 36.784,
227.891

74, 20.823,
217.228

65, 37.007,
229.119

77, 15.662,
216.676

79, 9.991, 216.327

81, 3.906, 216.195

84, 2.502, 35.725

86, 9.156, 35.876

89, 15.990, 35.960

Harmonies

Complementary

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



69, 32.283, 220.589



53, 55.421, 38.858

Rectangle

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



69, 32.283, 220.589



69, 32.283, 270.589



69, 32.283, 40.589



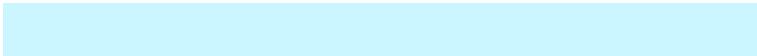
69, 32.283, 90.589

Sweetspot

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



69, 32.282, 220.588



94, 14.565, 216.447



74, 74.906, 142.817



50, 9.845, 216.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 32.282, 220.588



82, 41.417, 223.361



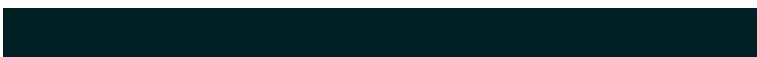
49, 53.398, 284.971



42, 3.556, 216.203



53, 31.542, 228.558



10, 11.808, 221.082

Inverse Universe

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



53, 73.051, 333.761



61, 96.046, 334.761



69, 52.693, 82.118



40, 6.705, 330.019



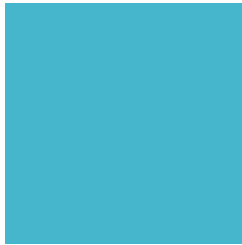
38, 73.433, 336.267



5, 25.292, 333.940

Previews

White Background



This preview shows how the CIE LCh color 69, 32.283, 220.589 looks on a white background.

Color Contrast Check

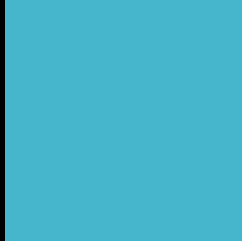
Large Text (above 18pt) WCAG AA × Fail

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 69, 32.283, 220.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

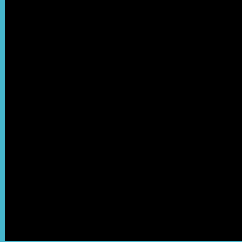
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

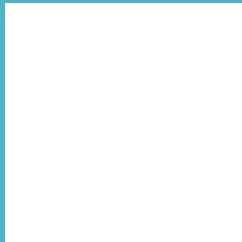
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 32.283, 220.589

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.283, 220.589.



This preview shows how white text looks on a background with the CIELCh color 69, 32.283, 220.589.

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

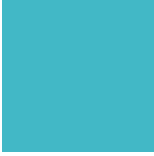
69, 32.138, 220.710

Protanopia

69, 15.439, 286.525

Deuteranopia

69, 25.316, 291.180



Tritanopia
69, 32.688, 210.808

Trichromacy



Original Color
69, 32.138, 220.710



Protanomaly
68, 19.803, 245.231



Deuteranomaly
68, 23.950, 257.606



Tritanomaly
69, 32.430, 215.103

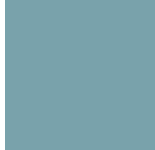
Monochromacy



Original Color
69, 32.138, 220.710



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 14.848, 218.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.283, 220.589 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(70, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(70, 182, 205)  
}
```

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(70, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 182, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.283, 220.589 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(70, 182, 205) }
```

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

```
.border{ border-color:rgb(70, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(70, 182,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.283, 220.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 182, 205) }
```

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

```
.background{ background-color: rgb(70, 182,  
205) }
```

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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