

Converting Colors

CIELCh(69, 32.265, 217.483)

Have a look what the booklet for
CIELCh(69, 32.265, 217.483)
contains.

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Color

CIElCh(69, 32.237, 217.356)

Conversions

Conversions Part 1

Format	Color
Hex	45B7CB
RGB	69, 183, 203
RGB Percent	27%, 72%, 80%
CMY	0.7304, 0.2831, 0.2047
CMYK	0.66, 0.10, 0.00, 0.20
HSL	189°, 56%, 53%
HSV	189°, 66%, 80%
XYZ	30.0853, 39.3444, 62.3840
YIQ	151.1940, -74.3640, -17.9480

Conversions

Conversions Part 2

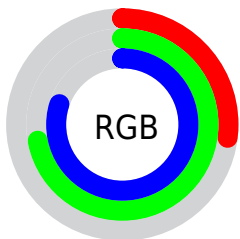
Format	Color
R _Y B	69, 131, 203
Decimal	4569035
CIE Lab	69.00, -25.62, -19.56
CIE LCh	69, 32.237, 217.356
Yxy	39.3444, 0.2282, 0.2985
Android (android.graphics.Color)	4282759115 (0xFF45B7CB)
YUV	151.1940, 25.5404, -72.0841
Hunter-Lab	62.7251, -24.1537, -15.0600

Details

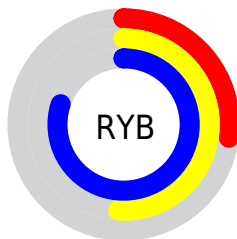
The CIELCh color **69, 32.237, 217.356** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **52, 55.442, 37.501**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 31.910, 212.827**, and **50, 29.431, 219.416** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.439, 218.971**, and if you desaturate by 10%, it is **71, 29.204, 216.128**.

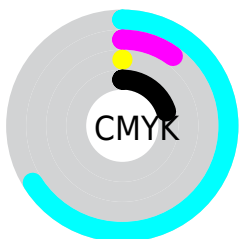
Distribution



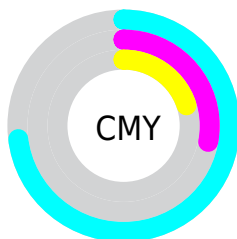
- Red (27%)
- Green (72%)
- Blue (80%)



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



- Cyan (66%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)





- Cyan (73%)
- Magenta (28%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.237, 217.356 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, 32.237, 217.356 by changing the saturation by 10% instead.


 69, 32.237,
217.356


 69, 32.237,
217.356


 100, 32.237,
217.356


 59, 32.237,
217.356


 89, 32.237,
217.356

 49, 32.237,
217.356

 99, 32.237,
217.356

 39, 32.237,
217.356

 29, 32.237,
217.356

 19, 32.237,
217.356

 9, 32.237, 217.356

 0, 32.237, 217.356

69, 32.237,
217.356

69, 32.237,
217.356

68, 34.439,
218.971

71, 29.204,
216.128

66, 35.830,
221.041

72, 25.379,
215.227

65, 36.503,
223.608

74, 20.837,
214.593

65, 36.678,
224.685

76, 15.673,
214.179

78, 9.990, 213.947

80, 3.888, 213.917

83, 2.543, 33.543

85, 9.221, 33.771

87, 16.081, 33.927

Harmonies

Complementary

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



69, 32.237, 217.356



52, 55.442, 37.501

Rectangle

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



69, 32.237, 217.356



69, 32.237, 267.356



69, 32.237, 37.356



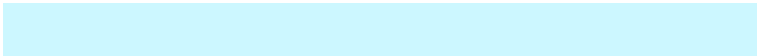
69, 32.237, 87.356

Sweetspot

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



69, 32.236, 217.355



95, 14.757, 214.023



73, 75.783, 141.876



50, 9.973, 214.091



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, 32.236, 217.355



83, 41.692, 219.734



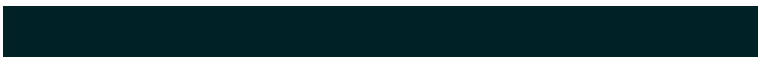
50, 50.205, 282.462



42, 3.604, 213.893



54, 31.584, 224.223



11, 11.897, 217.755

Inverse Universe

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



52, 73.254, 332.930



61, 97.390, 333.842



67, 51.289, 79.270



40, 6.801, 329.348



38, 74.564, 335.152



5, 25.718, 333.045

Previews

White Background



This preview shows how the CIE LCh color 69, 32.237, 217.356 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, 32.237, 217.356 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, 32.237, 217.356

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.237, 217.356.



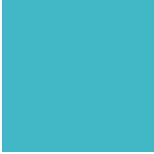
This preview shows how white text looks on a background with the CIELCh color 69, 32.237, 217.356.

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
69, 32.688, 210.808

Trichromacy



Original Color
69, 32.237, 217.356



Protanomaly
68, 18.916, 243.210



Deuteranomaly
68, 22.531, 255.450

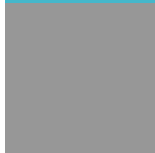


Tritanomaly
69, 32.559, 212.929

Monochromacy



Original Color
69, 32.237, 217.356



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 14.929, 213.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.237, 217.356 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(69, 183, 203)` looks like.

```
.text, #text, p{  
    color:rgb(69, 183, 203)  
}
```

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(69, 183, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 183, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.237, 217.356 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(69, 183, 203) }
```

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

```
.border{ border-color:rgb(69, 183, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 183, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 183, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 183, 203);  
box-shadow:4px 4px 4px 4px rgb(69, 183,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.237, 217.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 183, 203) }
```

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

```
.background{ background-color: rgb(69, 183,  
203) }
```

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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