

Converting Colors

CIELCh(69, 26.383, 209.944)

Have a look what the booklet for
CIELCh(69, 26.383, 209.944)
contains.

CIELCh(69, 26.417, 209.565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 26.417, 209.565)

Conversions

Conversions Part 1

Format	Color
Hex	60B5BF
RGB	96, 181, 191
RGB Percent	38%, 71%, 75%
CMY	0.6231, 0.2898, 0.2506
CMYK	0.50, 0.05, 0.00, 0.25
HSL	186°, 43%, 56%
HSV	186°, 50%, 75%
XYZ	30.7919, 39.3444, 55.3166
YIQ	156.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

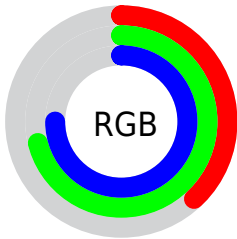
Format	Color
RYB	96, 141, 191
Decimal	6337983
CIELab	69.00, -22.98, -13.03
CIElCh	69, 26.417, 209.565
Yxy	39.3444, 0.2454, 0.3136
Android (android.graphics.Color)	4284528063 (0xFF60B5BF)
YUV	156.7250, 16.8976, -53.2558
Hunter-Lab	62.7251, -22.1429, -8.3797

Details

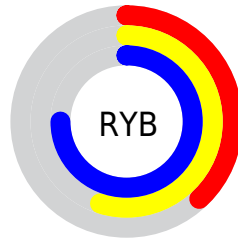
The CIELCh color **69, 26.417, 209.565** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 38.682, 32.148**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.319, 209.313**, and **49, 26.401, 209.920** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.880, 210.133**, and if you desaturate by 10%, it is **70, 22.208, 209.202**.

Distribution



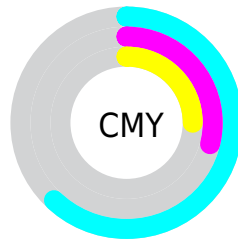
- Red (38%)
- Green (71%)
- Blue (75%)



- Red (38%)
- Yellow (55%)
- Blue (75%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)





- Cyan (62%)
- Magenta (29%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.417, 209.565 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, 26.417, 209.565 by changing the saturation by 10% instead.

 69, 26.417,
209.565

 69, 26.417,
209.565


 100, 26.417,
209.565


 59, 26.417,
209.565


 89, 26.417,
209.565

 49, 26.417,
209.565


 99, 26.417,
209.565

 39, 26.417,
209.565

 29, 26.417,
209.565

 19, 26.417,
209.565

 9, 26.417, 209.565

 0, 26.417, 209.565

69, 26.417,
209.565

69, 26.417,
209.565

68, 29.880,
210.133

70, 22.208,
209.202

67, 32.534,
210.953

72, 17.343,
209.017

66, 34.355,
212.064

74, 11.922,
208.978

65, 35.375,
213.505

75, 6.048, 209.081

77, 0.185, 26.229

64, 35.775,
215.253

79, 6.689, 29.276

64, 35.785,
215.304

82, 13.393, 29.584

84, 20.235, 29.903

85, 22.029, 31.983

Harmonies

Complementary

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



69, 26.417, 209.565



54, 38.682, 32.148

Rectangle

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



69, 26.417, 209.565



69, 26.417, 259.565



69, 26.417, 29.565



69, 26.417, 79.565

Sweetspot

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



69, 26.417, 209.563



94, 11.344, 209.005



70, 57.630, 143.081



50, 7.753, 208.988



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 26.417, 209.563



85, 36.726, 210.221



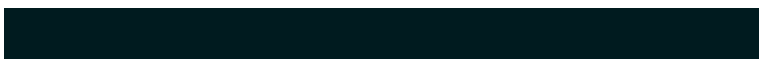
55, 33.961, 274.708



39, 3.497, 209.089



54, 31.133, 215.003



8, 10.174, 211.882

Inverse Universe

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



55, 57.096, 330.317



65, 82.259, 330.941



66, 35.860, 78.788



37, 6.576, 327.944



36, 74.515, 332.860



3, 19.370, 329.506

Previews

White Background



This preview shows how the CIELCh color 69, 26.417, 209.565 looks on a white background.

Color Contrast Check

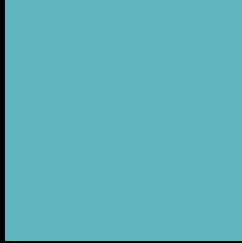
Large Text (above 18pt) WCAG AA × Fail

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, 26.417, 209.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

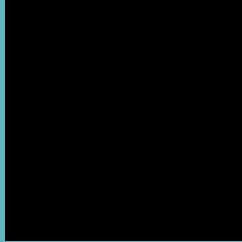
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.417, 209.565

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.417, 209.565.

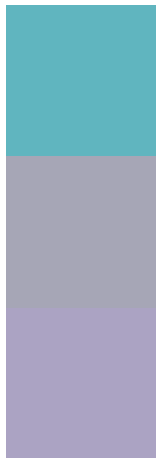


This preview shows how white text looks on a background with the CIELCh color 69, 26.417, 209.565.

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, 26.417, 209.565

Protanopia
69, 8.807, 291.074

Deuteranopia
69, 17.909, 301.022



Tritanopia
69, 26.171, 216.102

Trichromacy



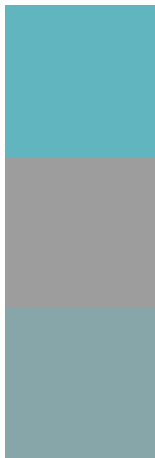
Original Color
69, 26.417, 209.565

Protanomaly
68, 12.733, 236.170

Deuteranomaly
68, 15.628, 257.036

Tritanomaly
69, 26.105, 214.855

Monochromacy



Original Color
69, 26.417, 209.565

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.164, 207.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.417, 209.565 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(96, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 181, 191)  
}
```

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(96, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 181, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.417, 209.565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

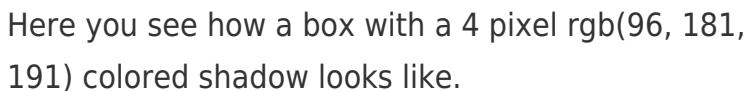
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 181, 191) }
```

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

```
.border{ border-color:rgb(96, 181, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 181, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 181, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 181,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.417, 209.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 181, 191) }
```

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

```
.background{ background-color: rgb(96, 181,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor