

Converting Colors

CIELCh(69, 53.093, 162.349)

Have a look what the booklet for
CIELCh(69, 53.093, 162.349)
contains.

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Color

CIELCh(69, 53.159, 162.424)

Conversions

Conversions Part 1

Format	Color
Hex	26BF8A
RGB	38, 191, 138
RGB Percent	15%, 75%, 54%
CMY	0.8495, 0.2524, 0.4602
CMYK	0.80, 0.00, 0.28, 0.25
HSL	159°, 66%, 45%
HSV	159°, 80%, 75%
XYZ	23.9254, 39.3444, 30.2478
YIQ	139.2110, -74.1750, -48.9190

Conversions

Conversions Part 2

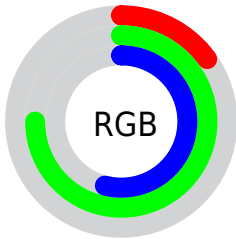
Format	Color
RYB	38, 131, 191
Decimal	2539402
CIELab	69.00, -50.68, 16.05
CIElCh	69, 53.159, 162.424
Yxy	39.3444, 0.2558, 0.4207
Android (android.graphics.Color)	4280729482 (0xFF26BF8A)
YUV	139.2110, -0.5970, -88.7620
Hunter-Lab	62.7251, -41.6831, 15.3162

Details

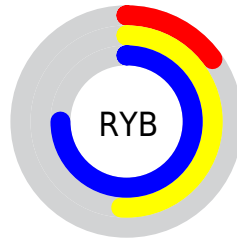
The CIELCh color **69, 53.159, 162.424** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **43, 61.970, 7.383**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 52.848, 162.715**, and **50, 46.775, 158.519** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.012, 160.396**, and if you desaturate by 10%, it is **69, 48.531, 164.246**.

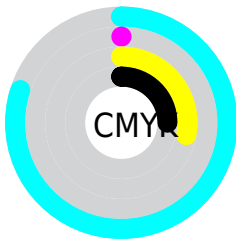
Distribution



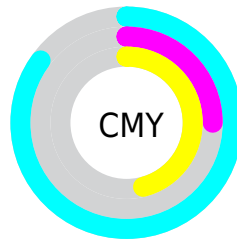
- Red (15%)
- Green (75%)
- Blue (54%)



- Red (15%)
- Yellow (51%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)




- Cyan (85%)
- Magenta (25%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.159, 162.424 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, 53.159, 162.424 by changing the saturation by 10% instead.


 69, 53.159,
162.424

 69, 53.159,
162.424

 100, 53.159,
162.424

 59, 53.159,
162.424

 89, 53.159,
162.424

 49, 53.159,
162.424

 99, 53.159,
162.424

 39, 53.159,
162.424

 29, 53.159,
162.424

 19, 53.159,
162.424

 9, 53.159, 162.424

 0, 53.159, 162.424

■ 69, 53.159,
162.424

■ 69, 53.159,
162.424

■ 69, 57.012,
160.396

■ 69, 48.531,
164.246

■ 68, 60.251,
158.230

■ 70, 43.128,
165.873

■ 68, 60.291,
158.204

■ 71, 37.016,
167.325

■ 72, 30.298,
168.627

■ 73, 23.100,
169.804

■ 74, 15.555,
170.880

■ 76, 7.784, 171.887

■ 77, 0.105, 348.478

Harmonies

Complementary

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



69, 53.159, 162.424



43, 61.970, 7.383

Rectangle

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



69, 53.159, 162.424



69, 53.159, 212.424



69, 53.159, 342.424



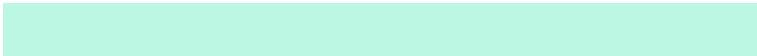
69, 53.159, 32.424

Sweetspot

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



69, 53.159, 162.423



93, 23.096, 170.406



69, 82.277, 131.022



49, 15.923, 170.013



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, 53.159, 162.423



87, 72.340, 158.712



63, 33.415, 219.778



39, 4.431, 171.940



58, 52.183, 158.549



9, 14.811, 164.842

Inverse Universe

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



43, 61.970, 7.383



53, 83.031, 15.608



45, 65.760, 39.640



37, 4.533, 353.536



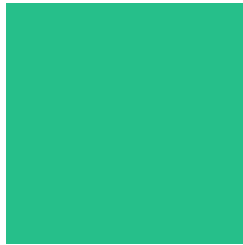
33, 59.990, 15.945



3, 13.038, 0.164

Previews

White Background



This preview shows how the CIELCh color 69, 53.159, 162.424 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 CIE LCh color 69, 53.159, 162.424 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, 53.159, 162.424

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.159, 162.424.

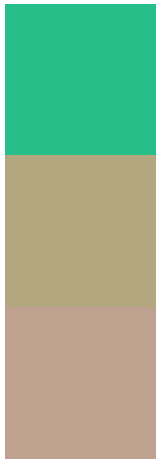


This preview shows how white text looks on a background with the CIELCh color 69, 53.159, 162.424.

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, 53.252, 162.480

Protanopia
69, 22.383, 95.051

Deuteranopia
68, 15.436, 57.056



Tritanopia
69, 31.568, 212.449

Trichromacy



Original Color
69, 53.252, 162.480



Protanomaly
67, 30.904, 144.297



Deuteranomaly
67, 21.857, 148.667



Tritanomaly
69, 36.581, 187.829

Monochromacy



Original Color
69, 53.252, 162.480



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 23.173, 169.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.159, 162.424 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(38, 191, 138)` looks like.

```
.text, #text, p{  
    color:rgb(38, 191, 138)  
}
```

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(38, 191, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 191, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.159, 162.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

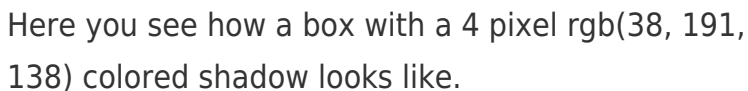
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(38, 191, 138) }
```

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

```
.border{ border-color:rgb(38, 191, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(38, 191, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 191, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 191, 138);  
box-shadow:4px 4px 4px 4px rgb(38, 191,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.159, 162.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 191, 138) }
```

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

```
.background{ background-color: rgb(38, 191,  
138) }
```

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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