

Converting Colors

CIELCh(69, 53.361, 160.346)

Have a look what the booklet for
CIELCh(69, 53.361, 160.346)
contains.

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Color

CIELCh(69, 53.206, 160.364)

Conversions

Conversions Part 1

Format	Color
Hex	30BE86
RGB	48, 190, 134
RGB Percent	19%, 75%, 53%
CMY	0.8098, 0.2536, 0.4733
CMYK	0.75, 0.00, 0.29, 0.25
HSL	156°, 59%, 47%
HSV	156°, 75%, 75%
XYZ	24.0542, 39.3444, 28.9951
YIQ	141.1580, -66.6560, -47.5200

Conversions

Conversions Part 2

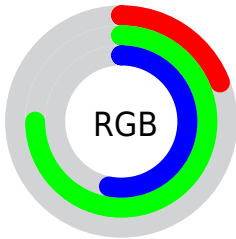
Format	Color
RYB	48, 136, 190
Decimal	3194502
CIELab	69.00, -50.11, 17.88
CIELCh	69, 53.206, 160.364
Yxy	39.3444, 0.2603, 0.4258
Android (android.graphics.Color)	4281384582 (0xFF30BE86)
YUV	141.1580, -3.5289, -81.6996
Hunter-Lab	62.7251, -41.3165, 16.5004

Details

The CIELCh color **69, 53.206, 160.364** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **44, 59.471, 1.673**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 53.145, 160.237**, and **49, 47.897, 156.851** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.865, 158.405**, and if you desaturate by 10%, it is **70, 47.768, 162.114**.

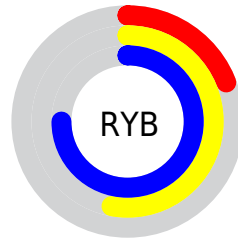
Distribution



Red (19%)

Green (75%)

Blue (53%)



Red (19%)

Yellow (53%)

Blue (75%)

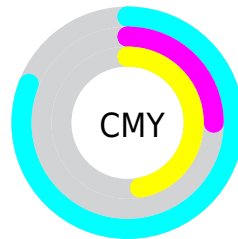


Cyan (75%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (81%)


Magenta (25%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.206, 160.364 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, 53.206, 160.364 by changing the saturation by 10% instead.


 69, 53.206,
160.364

 69, 53.206,
160.364


 100, 53.206,
160.364


 59, 53.206,
160.364


 89, 53.206,
160.364

 49, 53.206,
160.364

 99, 53.206,
160.364

 39, 53.206,
160.364

 29, 53.206,
160.364

 19, 53.206,
160.364

 9, 53.206, 160.364

 0, 53.206, 160.364

■ 69, 53.206,
160.364

■ 69, 53.206,
160.364

■ 69, 57.865,
158.405

■ 70, 47.768,
162.114

■ 68, 61.769,
156.242

■ 70, 41.593,
163.672

■ 68, 63.714,
155.040

■ 71, 34.778,
165.058

■ 72, 27.446,
166.298

■ 73, 19.733,
167.417

■ 75, 11.769,
168.441

■ 76, 3.672, 169.445

■ 78, 4.462, 350.085

■ 80, 12.553,
350.939

Harmonies

Complementary

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



69, 53.206, 160.364



44, 59.471, 1.673

Rectangle

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



69, 53.206, 160.364



69, 53.206, 210.364



69, 53.206, 340.364



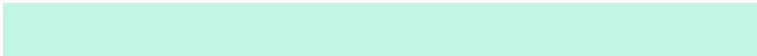
69, 53.206, 30.364

Sweetspot

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



69, 53.206, 160.363



93, 21.946, 167.646



70, 77.225, 129.558



50, 14.829, 167.355



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, 53.206, 160.363



87, 73.366, 157.150



66, 33.549, 210.622



39, 4.570, 168.949



57, 55.182, 155.389



9, 15.376, 162.052

Inverse Universe

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



44, 59.471, 1.673



54, 80.180, 7.700



45, 62.304, 36.134



37, 4.658, 350.513



33, 59.310, 11.465



3, 13.265, 357.618

Previews

White Background



This preview shows how the CIELCh color 69, 53.206, 160.364 looks on a white background.

Color Contrast Check

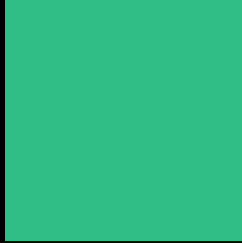
Large Text (above 18pt) WCAG AA × Fail

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, 53.206, 160.364 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, 53.206, 160.364

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.206, 160.364.

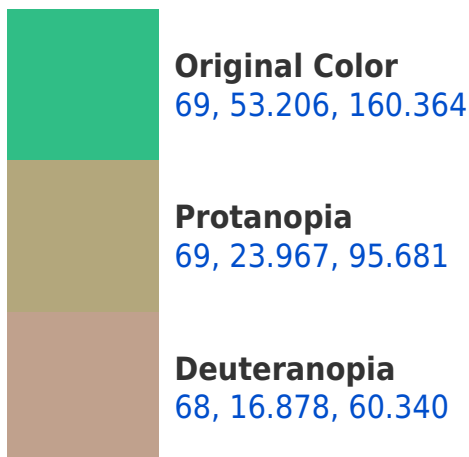


This preview shows how white text looks on a background with the CIELCh color 69, 53.206, 160.364.

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, 30.351, 213.170

Trichromacy



Original Color
69, 53.206, 160.364



Protanomaly
67, 30.757, 140.543



Deuteranomaly
67, 22.038, 142.487



Tritanomaly
69, 35.474, 186.714

Monochromacy



Original Color
69, 53.206, 160.364



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 22.663, 166.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.206, 160.364 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(48, 190, 134)` looks like.

```
.text, #text, p{  
    color:rgb(48, 190, 134)  
}
```

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(48, 190, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 190, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.206, 160.364 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(48, 190, 134) }
```

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

```
.border{ border-color:rgb(48, 190, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 190, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 190, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 190, 134);  
box-shadow:4px 4px 4px 4px rgb(48, 190,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.206, 160.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 190, 134) }
```

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

```
.background{ background-color: rgb(48, 190,  
134) }
```

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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