

Converting Colors

CIELCh(66, 60.071, 153.239)

Have a look what the booklet for
CIELCh(66, 60.071, 153.239)
contains.

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Color

CIELCh(66, 60.380, 153.057)

Conversions

Conversions Part 1

Format	Color
Hex	26B76D
RGB	38, 183, 109
RGB Percent	15%, 72%, 43%
CMY	0.8518, 0.2828, 0.5730
CMYK	0.79, 0.00, 0.40, 0.28
HSL	149°, 66%, 43%
HSV	149°, 79%, 72%
XYZ	20.4527, 35.3238, 20.1755
YIQ	131.2090, -62.6660, -53.7540

Conversions

Conversions Part 2

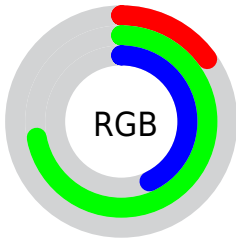
Format	Color
R_{YB}	38, 135, 183
Decimal	2537325
CIE _{Lab}	66.00, -53.83, 27.36
CIE _{LCh}	66, 60.380, 153.057
Yxy	35.3238, 0.2693, 0.4651
Android (android.graphics.Color)	4280727405 (0xFF26B76D)
YUV	131.2090, -10.9490, -81.7443
Hunter-Lab	59.4338, -42.5829, 21.4771

Details

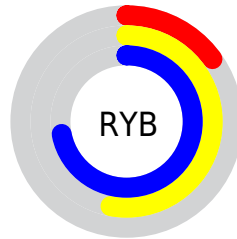
The CIELCh color **66, 60.380, 153.057** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **42, 61.747, 354.105**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 60.511, 153.058**, and **47, 54.770, 148.207** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.416, 150.992**, and if you desaturate by 10%, it is **66, 54.559, 154.917**.

Distribution



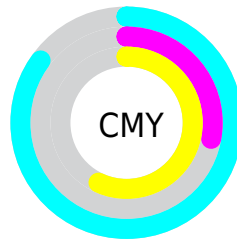
- Red (15%)
- Green (72%)
- Blue (43%)



- Red (15%)
- Yellow (53%)
- Blue (72%)



- Cyan (79%)
- Magenta (0%)
- Yellow (40%)
- Black (28%)





- Cyan (85%)
- Magenta (28%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 60.380, 153.057 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 66, 60.380, 153.057 by changing the saturation by 10% instead.


 66, 60.380,
153.057


 66, 60.380,
153.057


 100, 60.380,
153.057


 56, 60.380,
153.057


 86, 60.380,
153.057

 46, 60.380,
153.057

 96, 60.380,
153.057

 36, 60.380,
153.057

 26, 60.380,
153.057

 16, 60.380,
153.057

 6, 60.380, 153.057

 0, 60.380, 153.057

■ 66, 60.380,
153.057

■ 66, 60.380,
153.057

■ 66, 65.416,
150.992

■ 66, 54.559,
154.917

■ 65, 69.777,
148.806

■ 67, 47.987,
156.569

■ 65, 70.059,
148.667

■ 68, 40.758,
158.027

■ 69, 33.001,
159.314

■ 70, 24.856,
160.454

■ 71, 16.466,
161.471

■ 73, 7.954, 162.399

■ 74, 0.572, 342.510

Harmonies

Complementary

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



66, 60.380, 153.057



42, 61.747, 354.105

Rectangle

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



66, 60.380, 153.057



66, 60.380, 203.057



66, 60.380, 333.057



66, 60.380, 23.057

Sweetspot

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



66, 60.380, 153.057



89, 25.195, 160.970



68, 75.487, 125.864



47, 17.413, 160.601



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 60.380, 153.057



83, 83.339, 149.386



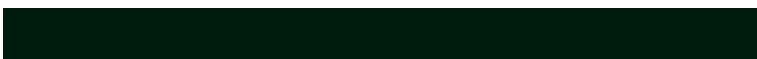
68, 37.351, 194.425



38, 4.843, 162.399



56, 61.767, 148.979



8, 14.534, 157.218

Inverse Universe

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



42, 61.747, 354.105



52, 79.790, 359.753



41, 66.943, 32.441



36, 4.901, 343.836



33, 58.762, 0.451



3, 12.278, 350.217

Previews

White Background



This preview shows how the CIE LCh color 66, 60.380, 153.057 looks on a white background.

Color Contrast Check

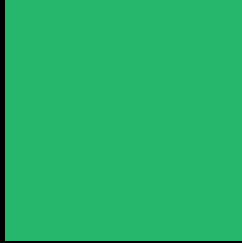
Large Text (above 18pt) WCAG AA × Fail

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 66, 60.380, 153.057 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 66, 60.380, 153.057

Background



This preview shows how black text looks on a background with the CIELCh color 66, 60.380, 153.057.



This preview shows how white text looks on a background with the CIELCh color 66, 60.380, 153.057.

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
66, 60.380, 153.057

Protanopia
65, 33.303, 96.102

Deuteranopia
65, 25.455, 70.683



Tritanopia
66, 29.209, 212.812

Trichromacy



Original Color
66, 60.380, 153.057



Protanomaly
64, 39.646, 133.153



Deuteranomaly
64, 30.091, 131.110



Tritanomaly
66, 36.553, 180.467

Monochromacy



Original Color
66, 60.380, 153.057



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 25.339, 159.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 60.380, 153.057 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, 183, 109)` looks like.

```
.text, #text, p{  
    color:rgb(38, 183, 109)  
}
```

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, 183, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 183, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 60.380, 153.057 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, 183, 109) }
```

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

```
.border{ border-color:rgb(38, 183, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 183, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 183, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 183, 109);  
box-shadow:4px 4px 4px 4px rgb(38, 183,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 60.380, 153.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 183, 109) }
```

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

```
.background{ background-color: rgb(38, 183,  
109) }
```

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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