

Converting Colors

CIELCh(66, 66.388, 140.938)

Have a look what the booklet for
CIELCh(66, 66.388, 140.938)
contains.

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Color

CIELCh(66, 66.423, 140.978)

Conversions

Conversions Part 1

Format	Color
Hex	4AB651
RGB	74, 182, 81
RGB Percent	29%, 71%, 32%
CMY	0.7115, 0.2878, 0.6837
CMYK	0.59, 0.00, 0.56, 0.29
HSL	124°, 42%, 50%
HSV	124°, 59%, 71%
XYZ	20.9111, 35.3238, 13.4308
YIQ	138.1940, -31.9470, -54.3070

Conversions

Conversions Part 2

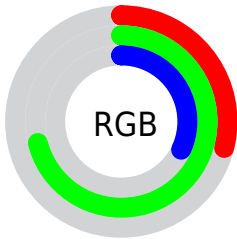
Format	Color
RYB	74, 175, 182
Decimal	4896337
CIELab	66.00, -51.60, 41.82
CIElCh	66, 66.423, 140.978
Yxy	35.3238, 0.3002, 0.5070
Android (android.graphics.Color)	4283086417 (0xFF4AB651)
YUV	138.1940, -28.1966, -56.2981
Hunter-Lab	59.4338, -41.2062, 28.2054

Details

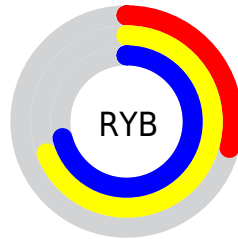
The CIELCh color **66, 66.423, 140.978** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **49, 65.556, 329.475**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 66.375, 140.927**, and **46, 65.424, 139.938** is the 20% darker color. If you saturate the color by 10%, you get **65, 75.307, 139.719**, and if you desaturate by 10%, it is **67, 56.386, 142.167**.

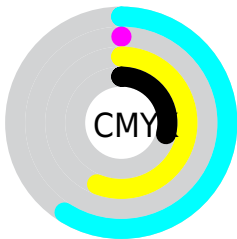
Distribution



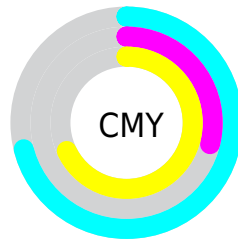
- Red (29%)
- Green (71%)
- Blue (32%)



- Red (29%)
- Yellow (69%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (56%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 66.423, 140.978 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, 66.423, 140.978 by changing the saturation by 10% instead.


 66, 66.423,
140.978


 66, 66.423,
140.978


 100, 66.423,
140.978


 56, 66.423,
140.978


 86, 66.423,
140.978

 46, 66.423,
140.978

 96, 66.423,
140.978

 36, 66.423,
140.978

 26, 66.423,
140.978

 16, 66.423,
140.978

 6, 66.423, 140.978

 0, 66.423, 140.978

66, 66.423,
140.978

66, 66.423,
140.978

65, 75.307,
139.719

67, 56.386,
142.167

65, 82.658,
138.473

68, 45.542,
143.241

65, 88.108,
137.365

69, 34.196,
144.184

64, 91.490,
136.581

71, 22.600,
145.001

64, 91.616,
136.559

72, 10.953,
145.709

74, 0.592, 325.849

76, 11.928,
326.763

78, 22.982,
327.205

■ 80, 33.710,
327.578

Harmonies

Complementary

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



66, 66.423, 140.978



49, 65.556, 329.475

Rectangle

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



66, 66.423, 140.978



66, 66.423, 190.978



66, 66.423, 320.978



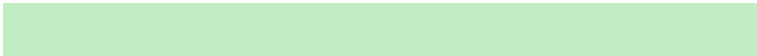
66, 66.423, 10.978

Sweetspot

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



66, 66.424, 140.978



90, 25.917, 145.090



72, 55.436, 107.147



48, 18.168, 144.869



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, 66.424, 140.978



83, 94.621, 139.374



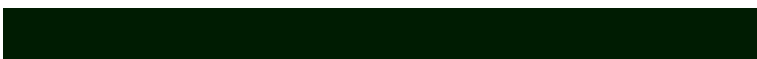
67, 45.317, 159.731



38, 6.596, 145.719



56, 81.505, 136.665



8, 18.284, 145.750

Inverse Universe

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



49, 65.556, 329.475



60, 91.998, 330.038



47, 48.985, 353.813



36, 6.608, 326.749



36, 75.941, 330.983



3, 17.611, 327.354

Previews

White Background



This preview shows how the CIELCh color 66, 66.423, 140.978 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 66, 66.423, 140.978 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, 66.423, 140.978

Background



This preview shows how black text looks on a background with the CIELCh color 66, 66.423, 140.978.



This preview shows how white text looks on a background with the CIELCh color 66, 66.423, 140.978.

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, 66.423, 140.978

Protanopia
65, 46.135, 95.175

Deuteranopia
65, 39.705, 78.144



Tritanopia
66, 23.469, 215.727

Trichromacy



Original Color
66, 66.423, 140.978



Protanomaly
65, 49.569, 119.158



Deuteranomaly
64, 41.692, 113.498



Tritanomaly
66, 33.572, 167.988

Monochromacy



Original Color
66, 66.423, 140.978



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 25.940, 144.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 66.423, 140.978 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(74, 182, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 182, 81)  
}
```

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(74, 182, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 182, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 66.423, 140.978 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(74, 182, 81) }
```

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

```
.border{ border-color:rgb(74, 182, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 182, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 182, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 182, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 182,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 66.423, 140.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 182, 81) }
```

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

```
.background{ background-color: rgb(74, 182,  
81) }
```

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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