

Converting Colors

CIELCh(66, 72.159, 131.540)

Have a look what the booklet for
CIELCh(66, 72.159, 131.540)
contains.

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Color

CIELCh(66, 72.318, 131.546)

Conversions

Conversions Part 1

Format	Color
Hex	5FB435
RGB	95, 180, 53
RGB Percent	37%, 71%, 21%
CMY	0.6275, 0.2942, 0.7922
CMYK	0.47, 0.00, 0.71, 0.29
HSL	100°, 55%, 46%
HSV	100°, 71%, 71%
XYZ	21.6770, 35.3238, 9.0415
YIQ	140.1070, -9.8930, -57.5170

Conversions

Conversions Part 2

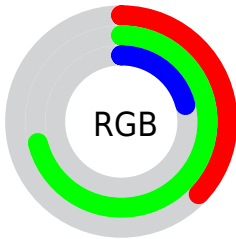
Format	Color
RYB	53, 180, 138
Decimal	6272053
CIELab	66.00, -47.96, 54.12
CIElCh	66, 72.318, 131.546
Yxy	35.3238, 0.3282, 0.5349
Android (android.graphics.Color)	4284462133 (0xFF5FB435)
YUV	140.1070, -42.9438, -39.5588
Hunter-Lab	59.4338, -38.9057, 32.5841

Details

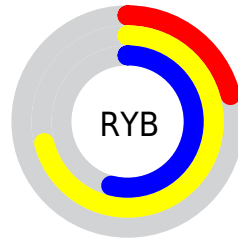
The CIELCh color **66, 72.318, 131.546** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **40, 76.207, 317.321**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 72.464, 131.587**, and **46, 68.653, 133.410** is the 20% darker color. If you saturate the color by 10%, you get **65, 79.491, 131.524**, and if you desaturate by 10%, it is **67, 63.698, 131.842**.

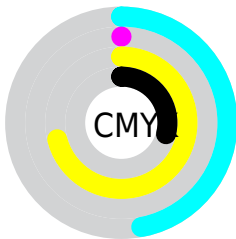
Distribution



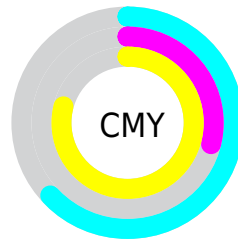
- Red (37%)
- Green (71%)
- Blue (21%)



- Red (21%)
- Yellow (71%)
- Blue (54%)



- Cyan (47%)
- Magenta (0%)
- Yellow (71%)
- Black (29%)




- Cyan (63%)
- Magenta (29%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 72.318, 131.546 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, 72.318, 131.546 by changing the saturation by 10% instead.


 66, 72.318,
131.546

 66, 72.318,
131.546


 100, 72.318,
131.546

 56, 72.318,
131.546


 86, 72.318,
131.546

 46, 72.318,
131.546

 96, 72.318,
131.546

 36, 72.318,
131.546

 26, 72.318,
131.546

 16, 72.318,
131.546

 6, 72.318, 131.546

 0, 72.318, 131.546

■ 66, 72.318,
131.546

■ 66, 72.318,
131.546

■ 65, 79.491,
131.524

■ 67, 63.698,
131.842

■ 65, 84.783,
131.896

■ 67, 54.074,
132.293

■ 65, 88.167,
132.531

■ 68, 43.806,
132.810

■ 69, 33.159,
133.339

■ 71, 22.324,
133.848

■ 72, 11.438,
134.323

■ 73, 0.597, 134.998

■ 75, 10.127,
315.093

■ 76, 20.688,
315.433

Harmonies

Complementary

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



66, 72.318, 131.546



40, 76.207, 317.321

Rectangle

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



66, 72.318, 131.546



66, 72.318, 181.546



66, 72.318, 311.546



66, 72.318, 1.546

Sweetspot

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



66, 72.318, 131.547



89, 28.283, 133.808



60, 50.289, 81.521



47, 19.129, 133.673



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 72.318, 131.547



83, 101.044, 131.689



65, 70.954, 142.256



37, 6.089, 134.380



56, 78.049, 132.356



7, 15.040, 137.130

Inverse Universe

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



40, 76.207, 317.321



46, 106.641, 317.126



45, 68.828, 333.915



35, 6.142, 315.121



27, 82.183, 316.559



2, 14.341, 311.209

Previews

White Background



This preview shows how the CIELCh color 66, 72.318, 131.546 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, 72.318, 131.546 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, 72.318, 131.546

Background



This preview shows how black text looks on a background with the CIELCh color 66, 72.318, 131.546.



This preview shows how white text looks on a background with the CIELCh color 66, 72.318, 131.546.

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, 72.318, 131.546

Protanopia
66, 57.810, 95.393

Deuteranopia
66, 52.440, 81.195



Tritanopia
66, 18.321, 223.410

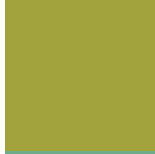
Trichromacy



Original Color
66, 72.318, 131.546



Protanomaly
65, 59.705, 112.091



Deuteranomaly
65, 53.420, 104.930



Tritanomaly
65, 31.216, 155.930

Monochromacy



Original Color
66, 72.318, 131.546



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 29.045, 133.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 72.318, 131.546 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(95, 180, 53)` looks like.

```
.text, #text, p{  
    color:rgb(95, 180, 53)  
}
```

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(95, 180, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 180, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 72.318, 131.546 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(95, 180, 53) }
```

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

```
.border{ border-color:rgb(95, 180, 53) }
```

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

Here you see how a box with a 4 pixel rgb(95, 180, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 180, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 180, 53);  
box-shadow:4px 4px 4px 4px rgb(95, 180,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 72.318, 131.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 180, 53) }
```

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

```
.background{ background-color: rgb(95, 180,  
53) }
```

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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