

Converting Colors

CIELCh(47, 47.204, 143.622)

Have a look what the booklet for
CIELCh(47, 47.204, 143.622)
contains.

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Color

CIELCh(47, 47.054, 143.702)

Conversions

Conversions Part 1

Format	Color
Hex	327E3E
RGB	50, 126, 62
RGB Percent	20%, 49%, 24%
CMY	0.8029, 0.5049, 0.7560
CMYK	0.60, 0.00, 0.51, 0.50
HSL	129°, 43%, 35%
HSV	129°, 60%, 50%
XYZ	9.6963, 16.0195, 7.1705
YIQ	95.9800, -24.7520, -36.0160

Conversions

Conversions Part 2

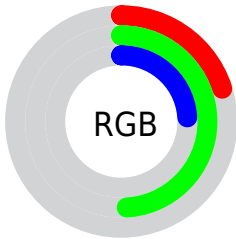
Format	Color
RYB	50, 116, 126
Decimal	3309118
CIELab	47.00, -37.92, 27.86
CIELCh	47, 47.054, 143.702
Yxy	16.0195, 0.2948, 0.4871
Android (android.graphics.Color)	4281499198 (0xFF327E3E)
YUV	95.9800, -16.7521, -40.3245
Hunter-Lab	40.0243, -26.7990, 17.3951

Details

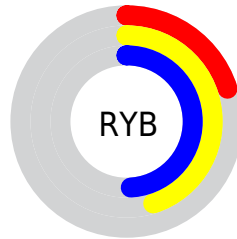
The CIELCh color **47, 47.054, 143.702** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **34, 46.504, 332.723**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 46.742, 143.783**, and **27, 44.693, 140.639** is the 20% darker color. If you saturate the color by 10%, you get **46, 53.552, 142.351**, and if you desaturate by 10%, it is **48, 39.905, 144.925**.

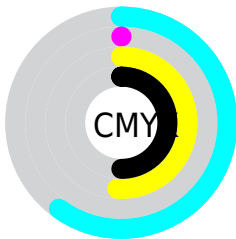
Distribution



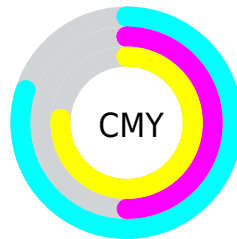
- Red (20%)
- Green (49%)
- Blue (24%)



- Red (20%)
- Yellow (45%)
- Blue (49%)



- Cyan (60%)
- Magenta (0%)
- Yellow (51%)
- Black (50%)





- Cyan (80%)
- Magenta (50%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 47.054, 143.702 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 47, 47.054, 143.702 by changing the saturation by 10% instead.

 47, 47.054,
143.702


 47, 47.054,
143.702


 100, 47.054,
143.702


 37, 47.054,
143.702

 67, 47.054,
143.702


 27, 47.054,
143.702

 77, 47.054,
143.702

 17, 47.054,
143.702

 87, 47.054,
143.702

 7, 47.054, 143.702

 97, 47.054,
143.702


 0, 47.054, 143.702


 47, 47.054,


 47, 47.054,


143.702

143.702


 46, 53.552,
142.351

 48, 39.905,
144.925


 46, 59.212,
140.909

 48, 32.287,
146.007

 46, 63.857,
139.446

 49, 24.367,
146.952


 46, 67.430,
138.238

 50, 16.293,
147.772

 52, 8.186, 148.490

 53, 0.141, 150.575

 54, 7.773, 329.573

 56, 15.506,
330.045

 57, 23.028,

330.450

Harmonies

Complementary

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



47, 47.054, 143.702



34, 46.504, 332.723

Rectangle

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



47, 47.054, 143.702



47, 47.054, 193.702



47, 47.054, 323.702



47, 47.054, 13.702

Sweetspot

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



47, 47.055, 143.702



64, 17.917, 147.906



51, 42.099, 111.971



33, 12.395, 147.721



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 47.055, 143.702



59, 67.072, 141.856



48, 31.196, 165.996



26, 4.564, 148.563



46, 67.937, 138.222



0, 0.000, 0.000

Inverse Universe

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



34, 46.504, 332.723



41, 64.945, 333.583



32, 35.707, 0.700



25, 4.576, 329.578



28, 61.360, 335.403



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 47.054, 143.702 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 47, 47.054, 143.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 47.054, 143.702

Background



This preview shows how black text looks on a background with the CIELCh color 47, 47.054, 143.702.



This preview shows how white text looks on a background with the CIELCh color 47, 47.054, 143.702.

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


47, 47.054, 143.702

Protanopia

47, 31.542, 96.307

Deuteranopia

47, 26.701, 77.304



Tritanopia
47, 17.889, 217.222

Trichromacy



Original Color
47, 47.054, 143.702

Protanomaly
46, 34.438, 121.657

Deuteranomaly
46, 28.053, 114.713

Tritanomaly
47, 24.190, 172.144

Monochromacy



Original Color
47, 47.054, 143.702

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 18.169, 148.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 47.054, 143.702 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(50, 126, 62)` looks like.

```
.text, #text, p{  
    color:rgb(50, 126, 62)  
}
```

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(50, 126, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 126, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 47.054, 143.702 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(50, 126, 62) }
```

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

```
.border{ border-color:rgb(50, 126, 62) }
```

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

Here you see how a box with a 4 pixel rgb(50, 126, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 126, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 126, 62);  
box-shadow:4px 4px 4px 4px rgb(50, 126,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 47.054, 143.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 126, 62) }
```

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

```
.background{ background-color: rgb(50, 126,  
62) }
```

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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