

Converting Colors

CIELCh(47, 43.325, 155.095)

Have a look what the booklet for
CIELCh(47, 43.325, 155.095)
contains.

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Color

CIELCh(47, 43.452, 154.953)

Conversions

Conversions Part 1

Format	Color
Hex	1D7F4F
RGB	29, 127, 79
RGB Percent	11%, 50%, 31%
CMY	0.8860, 0.5018, 0.6900
CMYK	0.77, 0.00, 0.38, 0.50
HSL	151°, 63%, 31%
HSV	151°, 77%, 50%
XYZ	9.5178, 16.0195, 9.9965
YIQ	92.2260, -43.0000, -35.7040

Conversions

Conversions Part 2

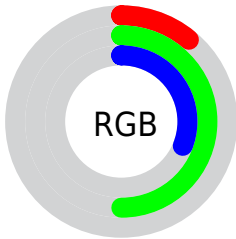
Format	Color
R_{YB}	29, 94, 127
Decimal	1933135
CIE _{Lab}	47.00, -39.37, 18.40
CIE _{LCh}	47, 43.452, 154.953
Yxy	16.0195, 0.2679, 0.4508
Android (android.graphics.Color)	4280123215 (0xFF1D7F4F)
YUV	92.2260, -6.5204, -55.4492
Hunter-Lab	40.0243, -27.5952, 13.2087

Details

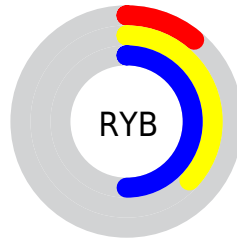
The CIELCh color $47, 43.452, 154.953$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $29, 45.423, 354.408$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 43.525, 155.151$, and $28, 37.740, 148.733$ is the 20% darker color. If you saturate the color by 10%, you get $47, 47.359, 153.039$, and if you desaturate by 10%, it is $47, 38.991, 156.669$.

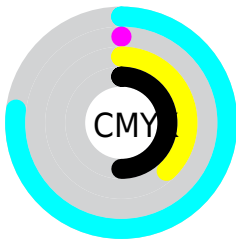
Distribution



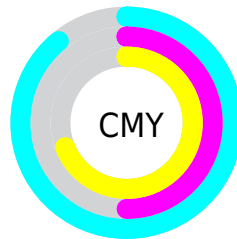
- Red (11%)
- Green (50%)
- Blue (31%)



- Red (11%)
- Yellow (37%)
- Blue (50%)



- Cyan (77%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)




- Cyan (89%)
- Magenta (50%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 43.452, 154.953 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, 43.452, 154.953 by changing the saturation by 10% instead.


 47, 43.452,
154.953


 47, 43.452,
154.953


 100, 43.452,
154.953


 37, 43.452,
154.953

 67, 43.452,
154.953


 27, 43.452,
154.953

 77, 43.452,
154.953

 17, 43.452,
154.953

 87, 43.452,
154.953

 7, 43.452, 154.953

 97, 43.452,
154.953

 0, 43.452, 154.953

 47, 43.452,

 47, 43.452,

154.953

■ 47, 47.359,
153.039

■ 46, 50.778,
150.999

■ 46, 51.743,
150.449

154.953

■ 47, 38.991,
156.669

■ 48, 34.017,
158.195

■ 49, 28.603,
159.547

■ 49, 22.843,
160.749

■ 50, 16.834,
161.821

■ 51, 10.670,
162.789

■ 52, 4.435, 163.692

■ 54, 1.801, 344.250

Harmonies

Complementary

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



47, 43.452, 154.953



29, 45.423, 354.408

Rectangle

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



47, 43.452, 154.953



47, 43.452, 204.953



47, 43.452, 334.953



47, 43.452, 24.953

Sweetspot

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



47, 43.452, 154.953



65, 17.783, 162.177



48, 55.773, 126.338



34, 12.383, 161.868



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 43.452, 154.953



60, 60.840, 151.353



48, 27.664, 196.602



26, 3.525, 163.512



47, 51.884, 150.440



0, 0.000, 0.000

Inverse Universe

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



29, 45.423, 354.408



36, 60.322, 359.892



28, 48.755, 31.843



25, 3.569, 344.878



26, 50.743, 1.465



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 43.452, 154.953 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, 43.452, 154.953 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, 43.452, 154.953

Background



This preview shows how black text looks on a background with the CIELCh color 47, 43.452, 154.953.



This preview shows how white text looks on a background with the CIELCh color 47, 43.452, 154.953.

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, 43.452, 154.953

Protanopia

47, 23.151, 96.695

Deuteranopia

47, 17.090, 68.916



Tritanopia
47, 21.798, 213.228

Trichromacy



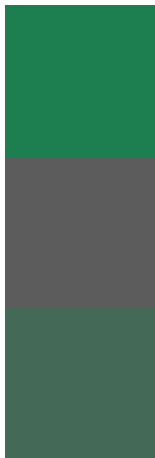
Original Color
47, 43.452, 154.953

Protanomaly
46, 27.722, 134.500

Deuteranomaly
46, 20.896, 133.112

Tritanomaly
47, 26.731, 182.347

Monochromacy



Original Color
47, 43.452, 154.953

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 18.253, 160.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 43.452, 154.953 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(29, 127, 79)` looks like.

```
.text, #text, p{  
    color:rgb(29, 127, 79)  
}
```

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(29, 127, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 127, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 43.452, 154.953 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(29, 127, 79) }
```

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

```
.border{ border-color:rgb(29, 127, 79) }
```

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

Here you see how a box with a 4 pixel rgb(29, 127, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 127, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 127, 79);  
box-shadow:4px 4px 4px 4px rgb(29, 127,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 43.452, 154.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 127, 79) }
```

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

```
.background{ background-color: rgb(29, 127,  
79) }
```

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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