

Converting Colors

CIELCh(47, 19.334, 152.795)

Have a look what the booklet for
CIELCh(47, 19.334, 152.795)
contains.

CIELCh(47, 19.416, 153.057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 19.416, 153.057)

Conversions

Conversions Part 1

Format	Color
Hex	557760
RGB	85, 119, 96
RGB Percent	33%, 47%, 38%
CMY	0.6660, 0.5327, 0.6229
CMYK	0.29, 0.00, 0.19, 0.53
HSL	139°, 17%, 40%
HSV	139°, 29%, 47%
XYZ	12.4962, 16.0195, 13.5383
YIQ	106.2120, -12.8810, -14.3610

Conversions

Conversions Part 2

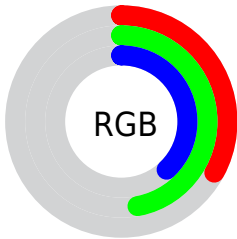
Format	Color
RYB	85, 111, 119
Decimal	5601120
CIELab	47.00, -17.31, 8.80
CIELCh	47, 19.416, 153.057
Yxy	16.0195, 0.2971, 0.3809
Android (android.graphics.Color)	4283791200 (0xFF557760)
YUV	106.2120, -5.0345, -18.6029
Hunter-Lab	40.0243, -14.3123, 7.9620

Details

The CIELCh color $47, 19.416, 153.057$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $40, 19.651, 337.254$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 19.119, 154.064$, and $27, 19.074, 153.745$ is the 20% darker color. If you saturate the color by 10%, you get $46, 26.094, 152.066$, and if you desaturate by 10%, it is $48, 12.620, 153.928$.

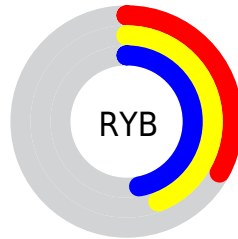
Distribution



Red (33%)

Green (47%)

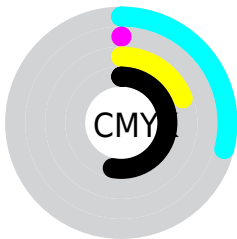
Blue (38%)



Red (33%)

Yellow (44%)

Blue (47%)

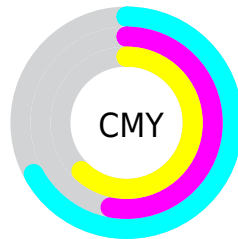


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (53%)



Cyan (67%)


Magenta (53%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 19.416, 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 47, 19.416, 153.057 by changing the saturation by 10% instead.


 47, 19.416,
153.057


 47, 19.416,
153.057


 100, 19.416,
153.057


 37, 19.416,
153.057

 67, 19.416,
153.057


 27, 19.416,
153.057


 77, 19.416,
153.057

 17, 19.416,
153.057


 87, 19.416,
153.057

 7, 19.416, 153.057

 97, 19.416,
153.057

 0, 19.416, 153.057

 47, 19.416,

 47, 19.416,

153.057

■ 46, 26.094,
152.066

■ 45, 32.544,
150.935

■ 45, 38.653,
149.646

■ 44, 44.304,
148.185

■ 44, 49.394,
146.551

■ 44, 53.846,
144.759

■ 43, 57.728,
142.970

■ 43, 58.272,
142.738

153.057

■ 48, 12.620,
153.928

■ 49, 5.792, 154.711

■ 50, 0.993, 335.104

■ 52, 7.679, 335.909

■ 53, 14.226,
336.459

■ 54, 20.606,
336.947

■ 56, 26.805,
337.387

■ 58, 32.812,
337.789

■ 59, 38.626,

Harmonies

Complementary

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



47, 19.416, 153.057



40, 19.651, 337.254

Rectangle

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



47, 19.416, 153.057



47, 19.416, 203.057



47, 19.416, 333.057



47, 19.416, 23.057

Sweetspot

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



47, 19.417, 153.056



63, 7.597, 154.658



48, 20.285, 120.888



33, 5.324, 154.566



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 19.417, 153.056



60, 28.700, 152.445



47, 13.553, 182.075



24, 3.770, 154.674



44, 59.485, 142.675



86, 103.640, 141.478

Inverse Universe

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



40, 19.651, 337.254



50, 29.088, 337.758



40, 15.253, 7.458



23, 3.791, 335.810



26, 53.211, 345.795



55, 89.276, 347.117

Previews

White Background



This preview shows how the CIE LCh color 47, 19.416, 153.057 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, 19.416, 153.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

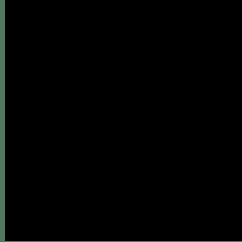
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 19.416, 153.057

Background



This preview shows how black text looks on a background with the CIELCh color 47, 19.416, 153.057.



This preview shows how white text looks on a background with the CIELCh color 47, 19.416, 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


47, 19.416, 153.057

Protanopia

47, 11.485, 95.464

Deuteranopia

47, 9.502, 49.823



Tritanopia
47, 10.477, 233.221

Trichromacy



Original Color
47, 19.416, 153.057

Protanomaly
47, 12.386, 126.523

Deuteranomaly
46, 7.667, 109.108

Tritanomaly
47, 10.786, 191.892

Monochromacy



Original Color
47, 19.416, 153.057

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 7.595, 153.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 19.416, 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(85, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(85, 119, 96)  
}
```

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(85, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 119, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 19.416, 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(85, 119, 96) }
```

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

```
.border{ border-color:rgb(85, 119, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 119, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(85, 119,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 19.416, 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(85, 119, 96) }
```

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

```
.background{ background-color: rgb(85, 119,  
96) }
```

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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