

Converting Colors

CIELCh(38, 54.756, 126.280)

Have a look what the booklet for
CIELCh(38, 54.756, 126.280)
contains.

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Color

CIELCh(38, 54.365, 126.254)

Conversions

Conversions Part 1

Format	Color
Hex	356500
RGB	53, 101, 0
RGB Percent	21%, 40%, 0%
CMY	0.7917, 0.6035, 0.9995
CMYK	0.47, 0.00, 1.00, 0.60
HSL	89°, 100%, 20%
HSV	89°, 100%, 40%
XYZ	6.1387, 10.0881, 1.6272
YIQ	75.1340, 3.8130, -41.5870

Conversions

Conversions Part 2

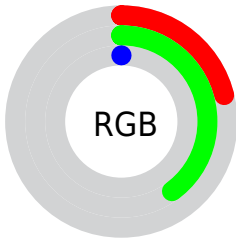
Format	Color
RYB	0, 101, 48
Decimal	3499264
CIELab	38.00, -32.15, 43.84
CIElCh	38, 54.365, 126.254
Yxy	10.0881, 0.3438, 0.5650
Android (android.graphics.Color)	4281689344 (0xFF356500)
YUV	75.1340, -37.0411, -19.4115
Hunter-Lab	31.7617, -21.0833, 19.1957

Details

The CIELCh color $38, 54.365, 126.254$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $13, 63.160, 311.991$, and the grayscale version is $32, 0.005, 296.813$.

A 20% lighter version of the original color is $58, 54.314, 126.224$, and $18, 37.921, 138.389$ is the 20% darker color. If you saturate the color by 10%, you get $38, 54.408, 126.258$, and if you desaturate by 10%, it is $38, 51.110, 125.842$.

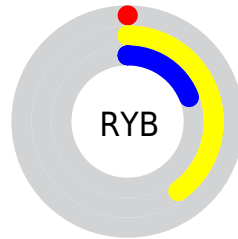
Distribution



Red (21%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (19%)

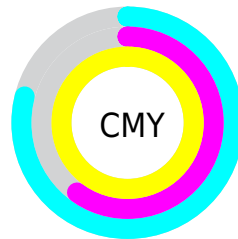


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (79%)

Magenta (60%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 54.365, 126.254 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 38, 54.365, 126.254 by changing the saturation by 10% instead.


 38, 54.365,
126.254


 38, 54.365,
126.254

 100, 54.365,
126.254

 28, 54.365,
126.254

 58, 54.365,
126.254


 18, 54.365,
126.254

 68, 54.365,
126.254

 8, 54.365, 126.254

 78, 54.365,
126.254

 0, 54.365, 126.254

 88, 54.365,
126.254

 98, 54.365,
126.254

■ 38, 54.365,
126.254

■ 38, 54.365,
126.254

■ 38, 54.408,
126.258

■ 38, 51.110,
125.842

■ 39, 47.401,
125.478

■ 39, 42.754,
125.452

■ 39, 37.414,
125.657

■ 40, 31.600,
126.005

■ 40, 25.483,
126.428

■ 41, 19.182,
126.884

■ 41, 12.783,

127.345

■ 42, 6.345, 127.795

Harmonies

Complementary

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



38, 54.365, 126.254



13, 63.160, 311.991

Rectangle

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



38, 54.365, 126.254



38, 54.365, 176.254



38, 54.365, 306.254



38, 54.365, 356.254

Sweetspot

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



38, 54.365, 126.255



53, 24.064, 126.837



26, 42.487, 59.700



26, 16.266, 126.702



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



38, 54.365, 126.255



49, 66.312, 126.747



37, 60.470, 135.747



21, 3.634, 127.837



43, 59.637, 126.501



86, 104.370, 127.484

Inverse Universe

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



13, 63.160, 311.991



19, 76.962, 311.660



22, 58.661, 326.992



19, 3.682, 308.571



16, 69.259, 311.828



38, 120.899, 311.159

Previews

White Background



This preview shows how the CIELCh color 38, 54.365, 126.254 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 38, 54.365, 126.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

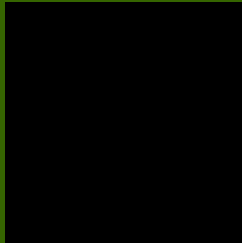
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 54.365, 126.254

Background



This preview shows how black text looks on a background with the CIELCh color 38, 54.365, 126.254.



This preview shows how white text looks on a background with the CIELCh color 38, 54.365, 126.254.

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

38, 54.365, 126.254

Protanopia

38, 45.686, 95.777

Deuteranopia

38, 39.763, 83.546



Tritanopia
38, 11.345, 224.128

Trichromacy



Original Color
38, 54.365, 126.254

Protanomaly
38, 47.035, 108.937

Deuteranomaly
37, 41.906, 103.423

Tritanomaly
38, 24.881, 145.001

Monochromacy



Original Color
38, 54.365, 126.254

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 23.450, 126.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 54.365, 126.254 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(53, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 101, 0)  
}
```

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(53, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 101, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 54.365, 126.254 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(53, 101, 0) }
```

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

```
.border{ border-color:rgb(53, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(53, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(53, 101, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 54.365, 126.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 101, 0) }
```

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

```
.background{ background-color: rgb(53, 101,  
0) }
```

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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