

Converting Colors

CIELCh(41, 54.729, 121.929)

Have a look what the booklet for
CIELCh(41, 54.729, 121.929)
contains.

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Color

CIELCh(41, 54.588, 121.656)

Conversions

Conversions Part 1

Format	Color
Hex	456B00
RGB	69, 107, 0
RGB Percent	27%, 42%, 0%
CMY	0.7281, 0.5791, 0.9983
CMYK	0.35, 0.00, 1.00, 0.58
HSL	81°, 99%, 21%
HSV	81°, 100%, 42%
XYZ	7.7742, 11.8645, 1.8928
YIQ	83.4400, 11.6990, -41.3330

Conversions

Conversions Part 2

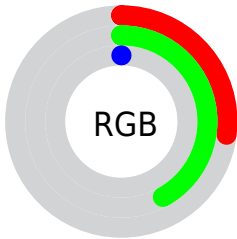
Format	Color
RYB	0, 107, 38
Decimal	4549376
CIELab	41.00, -28.65, 46.47
CIELCh	41, 54.588, 121.656
Yxy	11.8645, 0.3611, 0.5510
Android (android.graphics.Color)	4282739456 (0xFF456B00)
YUV	83.4400, -41.1359, -12.6639
Hunter-Lab	34.4449, -19.9915, 20.8534

Details

The CIELCh color $41, 54.588, 121.656$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $13, 67.362, 309.608$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 54.929, 121.877$, and $21, 39.061, 133.014$ is the 20% darker color. If you saturate the color by 10%, you get $41, 54.717, 121.672$, and if you desaturate by 10%, it is $41, 51.570, 121.165$.

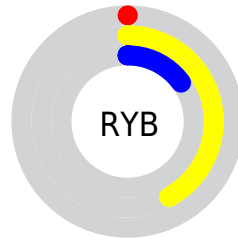
Distribution



Red (27%)

Green (42%)

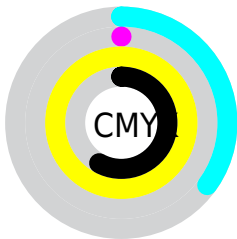
Blue (0%)



Red (0%)

Yellow (42%)

Blue (15%)

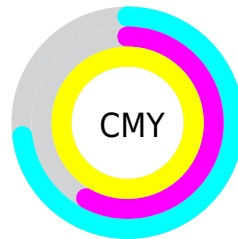


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 54.588, 121.656 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 41, 54.588, 121.656 by changing the saturation by 10% instead.


 41, 54.588,
121.656

 41, 54.588,
121.656


 100, 54.588,
121.656

 31, 54.588,
121.656

 61, 54.588,
121.656


 21, 54.588,
121.656

 71, 54.588,
121.656

 11, 54.588,
121.656


 81, 54.588,
121.656

 1, 54.588, 121.656

 91, 54.588,
121.656

 0, 54.588, 121.656

 41, 54.588,

 41, 54.588,

121.656

121.656

■ 41, 54.717,
121.672

■ 41, 51.570,
121.165

■ 42, 47.948,
120.819

■ 42, 43.320,
120.808

■ 42, 37.947,
121.034

■ 43, 32.064,
121.409

■ 43, 25.852,
121.871

■ 44, 19.437,
122.374

■ 44, 12.907,
122.890

Harmonies

Complementary

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



41, 54.588, 121.656



13, 67.362, 309.608

Rectangle

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



41, 54.588, 121.656



41, 54.588, 171.656



41, 54.588, 301.656



41, 54.588, 351.656

Sweetspot

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



41, 54.588, 121.657



56, 24.528, 122.310



25, 46.549, 50.915



29, 16.837, 122.148



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 54.588, 121.657



53, 66.497, 122.099



39, 62.162, 134.780



22, 3.697, 123.434



45, 58.344, 121.825



88, 101.052, 122.722

Inverse Universe

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



13, 67.362, 309.608



18, 82.173, 309.345



21, 61.702, 322.767



20, 3.756, 304.313



14, 72.083, 309.528



35, 124.914, 308.945

Previews

White Background



This preview shows how the CIELCh color 41, 54.588, 121.656 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 41, 54.588, 121.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

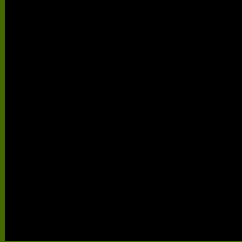
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 54.588, 121.656

Background



This preview shows how black text looks on a background with the CIELCh color 41, 54.588, 121.656.



This preview shows how white text looks on a background with the CIELCh color 41, 54.588, 121.656.

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

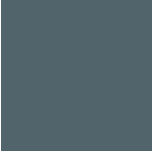
41, 54.588, 121.656

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 42.746, 83.025



Tritanopia
41, 8.599, 233.223

Trichromacy



Original Color
41, 54.588, 121.656

Protanomaly
41, 49.229, 106.311

Deuteranomaly
41, 44.447, 100.164

Tritanomaly
41, 23.337, 136.166

Monochromacy



Original Color
41, 54.588, 121.656

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 23.668, 121.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 54.588, 121.656 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(69, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(69, 107, 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(69, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 107, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 54.588, 121.656 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(69, 107, 0) }
```

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

```
.border{ border-color:rgb(69, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(69, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(69, 107, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 54.588, 121.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 107, 0) }
```

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

```
.background{ background-color: rgb(69, 107,  
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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