

Converting Colors

CIELCh(41, 53.996, 127.707)

Have a look what the booklet for
CIELCh(41, 53.996, 127.707)
contains.

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Color

CIELCh(41, 54.218, 127.827)

Conversions

Conversions Part 1

Format	Color
Hex	3A6D0E
RGB	58, 109, 14
RGB Percent	23%, 43%, 5%
CMY	0.7726, 0.5726, 0.9452
CMYK	0.47, 0.00, 0.87, 0.57
HSL	92°, 77%, 24%
HSV	92°, 87%, 43%
XYZ	7.2900, 11.8645, 2.3206
YIQ	82.9210, 0.0990, -40.3570

Conversions

Conversions Part 2

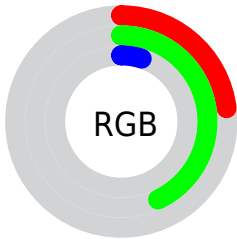
Format	Color
RYB	14, 109, 65
Decimal	3829006
CIELab	41.00, -33.25, 42.82
CIELCh	41, 54.218, 127.827
Yxy	11.8645, 0.3395, 0.5525
Android (android.graphics.Color)	4282019086 (0xFF3A6D0E)
YUV	82.9210, -33.9781, -21.8557
Hunter-Lab	34.4449, -22.5002, 20.1170

Details

The CIELCh color $41, 54.218, 127.827$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $18, 60.344, 313.502$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 54.318, 127.980$, and $21, 42.369, 137.083$ is the 20% darker color. If you saturate the color by 10%, you get $41, 57.589, 128.335$, and if you desaturate by 10%, it is $41, 49.950, 127.571$.

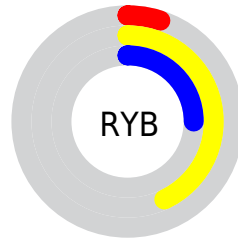
Distribution



Red (23%)

Green (43%)

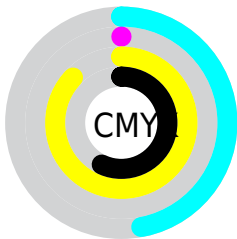
Blue (5%)



Red (5%)

Yellow (43%)

Blue (25%)

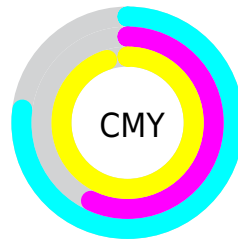


Cyan (47%)

Magenta (0%)

Yellow (87%)

Black (57%)



Cyan (77%)

Magenta (57%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 54.218, 127.827 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, 54.218, 127.827 by changing the saturation by 10% instead.


 41, 54.218,
127.827


 41, 54.218,
127.827


 100, 54.218,
127.827


 31, 54.218,
127.827

 61, 54.218,
127.827


 21, 54.218,
127.827

 71, 54.218,
127.827

 11, 54.218,
127.827


 81, 54.218,
127.827

 1, 54.218, 127.827

 91, 54.218,
127.827

 0, 54.218, 127.827

 41, 54.218,

 41, 54.218,

127.827

127.827

■ 41, 57.589,
128.335

■ 41, 49.950,
127.571

■ 41, 58.552,
128.427

■ 42, 44.718,
127.629

■ 42, 38.792,
127.895

■ 43, 32.400,
128.281

■ 43, 25.715,
128.723

■ 44, 18.861,
129.183

■ 45, 11.924,
129.636

■ 45, 4.968, 130.074

Harmonies

Complementary

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



41, 54.218, 127.827



18, 60.344, 313.502

Rectangle

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



41, 54.218, 127.827



41, 54.218, 177.827



41, 54.218, 307.827



41, 54.218, 357.827

Sweetspot

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



41, 54.218, 127.828



57, 22.529, 129.203



32, 39.414, 67.419



29, 15.158, 129.087



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, 54.218, 127.828



53, 71.430, 128.876



40, 59.428, 137.452



22, 3.841, 129.996



44, 61.780, 128.561



86, 107.326, 129.493

Inverse Universe

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



18, 60.344, 313.502



22, 80.229, 313.001



26, 57.240, 329.241



20, 3.885, 310.697



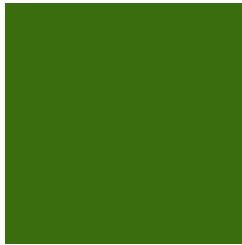
17, 69.482, 313.219



40, 120.239, 312.570

Previews

White Background



This preview shows how the CIELCh color 41, 54.218, 127.827 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 CIE LCh color 41, 54.218, 127.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

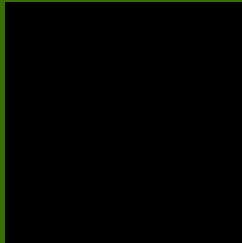
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 54.218, 127.827

Background



This preview shows how black text looks on a background with the CIELCh color 41, 54.218, 127.827.



This preview shows how white text looks on a background with the CIELCh color 41, 54.218, 127.827.

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, 54.218, 127.827

Protanopia

41, 45.533, 95.613

Deuteranopia

41, 40.402, 82.149



Tritanopia
41, 11.789, 226.099

Trichromacy



Original Color
41, 54.218, 127.827

Protanomaly
40, 46.705, 109.871

Deuteranomaly
40, 41.652, 103.786

Tritanomaly
41, 23.419, 148.464

Monochromacy



Original Color
41, 54.218, 127.827

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 22.201, 128.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 54.218, 127.827 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(58, 109, 14)` looks like.

```
.text, #text, p{  
    color:rgb(58, 109, 14)  
}
```

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(58, 109, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 109, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 54.218, 127.827 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(58, 109, 14) }
```

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

```
.border{ border-color:rgb(58, 109, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 109, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 109, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 109, 14);  
box-shadow:4px 4px 4px 4px rgb(58, 109,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 54.218, 127.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 109, 14) }
```

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

```
.background{ background-color: rgb(58, 109,  
14) }
```

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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