

Converting Colors

CIELCh(41, 53.062, 120.907)

Have a look what the booklet for
CIELCh(41, 53.062, 120.907)
contains.

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Color

CIELCh(41, 53.189, 120.835)

Conversions

Conversions Part 1

Format	Color
Hex	486B04
RGB	72, 107, 4
RGB Percent	28%, 42%, 2%
CMY	0.7183, 0.5810, 0.9851
CMYK	0.33, 0.00, 0.96, 0.58
HSL	80°, 93%, 22%
HSV	80°, 96%, 42%
XYZ	7.9240, 11.8645, 1.9813
YIQ	84.7930, 12.2030, -39.4530

Conversions

Conversions Part 2

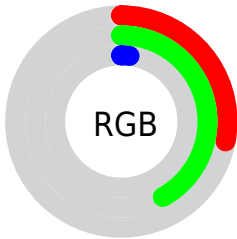
Format	Color
R_{YB}	4, 107, 39
Decimal	4745988
CIE _{Lab}	41.00, -27.26, 45.67
CIE _{LCh}	41, 53.189, 120.835
Yxy	11.8645, 0.3640, 0.5450
Android (android.graphics.Color)	4282936068 (0xFF486B04)
YUV	84.7930, -39.8309, -11.2195
Hunter-Lab	34.4449, -19.2149, 20.7010

Details

The CIELCh color **41, 53.189, 120.835** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13, 65.605, 309.186**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 53.267, 121.147**, and **21, 38.400, 131.492** is the 20% darker color. If you saturate the color by 10%, you get **41, 54.281, 120.975**, and if you desaturate by 10%, it is **41, 50.164, 120.341**.

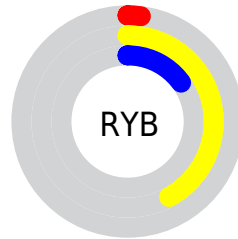
Distribution



Red (28%)

Green (42%)

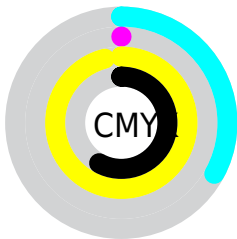
Blue (2%)



Red (2%)

Yellow (42%)

Blue (15%)

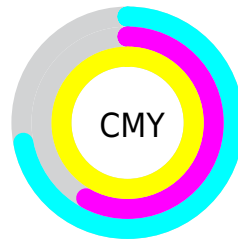


Cyan (33%)

Magenta (0%)

Yellow (96%)

Black (58%)



Cyan (72%)


Magenta (58%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 53.189, 120.835 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, 53.189, 120.835 by changing the saturation by 10% instead.


 41, 53.189,
120.835


 41, 53.189,
120.835


 100, 53.189,
120.835


 31, 53.189,
120.835

 61, 53.189,
120.835


 21, 53.189,
120.835

 71, 53.189,
120.835


 11, 53.189,
120.835


 81, 53.189,
120.835

 1, 53.189, 120.835

 91, 53.189,
120.835

 0, 53.189, 120.835

 41, 53.189,

 41, 53.189,

120.835

■ 41, 54.281,
120.975

120.835

■ 41, 50.164,
120.341

■ 42, 46.240,
120.125

■ 42, 41.394,
120.211

■ 42, 35.884,
120.501

■ 43, 29.929,
120.918

■ 43, 23.689,
121.406

■ 44, 17.276,
121.925

■ 44, 10.769,
122.452

Harmonies

Complementary

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



41, 53.189, 120.835



13, 65.605, 309.186

Rectangle

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



41, 53.189, 120.835



41, 53.189, 170.835



41, 53.189, 300.835



41, 53.189, 350.835

Sweetspot

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



41, 53.189, 120.836



55, 23.298, 121.750



25, 45.294, 50.045



28, 15.842, 121.588



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 53.189, 120.836



52, 65.283, 121.375



39, 60.797, 134.728



22, 3.687, 122.842



45, 58.064, 121.132



88, 100.530, 122.012

Inverse Universe

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



13, 65.605, 309.186



18, 81.308, 309.117



21, 60.659, 322.234



20, 3.747, 303.744



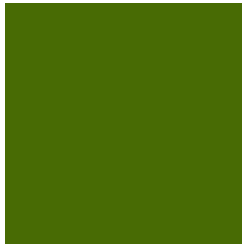
14, 72.296, 309.279



35, 125.282, 308.710

Previews

White Background



This preview shows how the CIELCh color 41, 53.189, 120.835 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, 53.189, 120.835 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, 53.189, 120.835

Background



This preview shows how black text looks on a background with the CIELCh color 41, 53.189, 120.835.



This preview shows how white text looks on a background with the CIELCh color 41, 53.189, 120.835.

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](#).

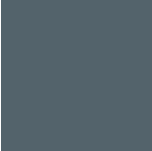
Dichromacy



Original Color
41, 53.189, 120.835

Protanopia
41, 48.148, 95.622

Deuteranopia
41, 42.746, 83.025



Tritanopia
41, 7.737, 237.890

Trichromacy



Original Color
41, 53.189, 120.835

Protanomaly
41, 48.964, 106.366

Deuteranomaly
40, 43.832, 98.853

Tritanomaly
41, 22.229, 134.190

Monochromacy



Original Color
41, 53.189, 120.835

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 23.631, 121.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 53.189, 120.835 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(72, 107, 4)` looks like.

```
.text, #text, p{  
    color:rgb(72, 107, 4)  
}
```

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(72, 107, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 107, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 53.189, 120.835 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(72, 107, 4) }
```

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

```
.border{ border-color:rgb(72, 107, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 107, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 107, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 107, 4);  
box-shadow:4px 4px 4px 4px rgb(72, 107, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 53.189, 120.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 107, 4) }
```

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

```
.background{ background-color: rgb(72, 107,  
4) }
```

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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