

Converting Colors

CIELCh(40, 58.006, 128.129)

Have a look what the booklet for
CIELCh(40, 58.006, 128.129)
contains.

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Color

CIELCh(40, 57.702, 128.265)

Conversions

Conversions Part 1

Format	Color
Hex	326B00
RGB	50, 107, 0
RGB Percent	20%, 42%, 0%
CMY	0.8029, 0.5794, 0.9988
CMYK	0.53, 0.00, 1.00, 0.58
HSL	92°, 99%, 21%
HSV	92°, 100%, 42%
XYZ	6.6127, 11.2510, 1.8318
YIQ	77.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

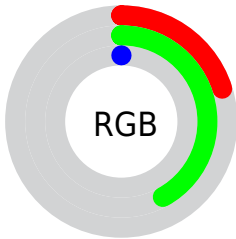
Format	Color
RYB	0, 107, 57
Decimal	3304192
CIELab	40.00, -35.73, 45.31
CIELCh	40, 57.702, 128.265
Yxy	11.2510, 0.3357, 0.5712
Android (android.graphics.Color)	4281494272 (0xFF326B00)
YUV	77.7590, -38.3352, -24.3446
Hunter-Lab	33.5425, -23.5090, 20.2419

Details

The CIELCh color **40, 57.702, 128.265** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **15, 65.049, 313.233**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 57.689, 128.438**, and **21, 41.286, 137.348** is the 20% darker color. If you saturate the color by 10%, you get **40, 57.800, 128.274**, and if you desaturate by 10%, it is **40, 54.373, 127.820**.

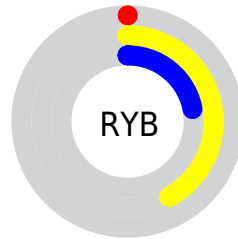
Distribution



Red (20%)

Green (42%)

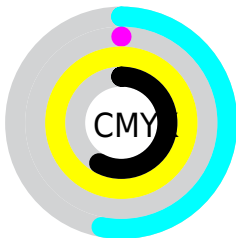
Blue (0%)



Red (0%)

Yellow (42%)

Blue (22%)

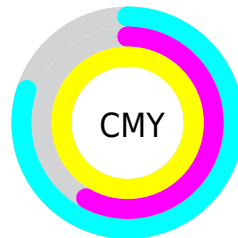


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (80%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 57.702, 128.265 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 40, 57.702, 128.265 by changing the saturation by 10% instead.


 40, 57.702,
128.265


 40, 57.702,
128.265


 100, 57.702,
128.265


 30, 57.702,
128.265

 60, 57.702,
128.265


 20, 57.702,
128.265

 70, 57.702,
128.265

 10, 57.702,
128.265

 80, 57.702,
128.265

 0, 57.702, 128.265

 90, 57.702,
128.265

 40, 57.702,

 40, 57.702,

128.265

■ 40, 57.800,
128.274

128.265

■ 40, 54.373,
127.820

■ 41, 50.432,
127.468

■ 41, 45.480,
127.458

■ 41, 39.783,
127.681

■ 42, 33.578,
128.041

■ 43, 27.047,
128.472

■ 43, 20.323,
128.930

■ 44, 13.499,
129.385

Harmonies

Complementary

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



40, 57.702, 128.265



15, 65.049, 313.233

Rectangle

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



40, 57.702, 128.265



40, 57.702, 178.265



40, 57.702, 308.265



40, 57.702, 358.265

Sweetspot

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



40, 57.702, 128.266



56, 25.564, 128.878



29, 44.044, 63.883



28, 17.558, 128.731



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 57.702, 128.266



52, 70.393, 128.727



39, 62.840, 136.293



22, 3.837, 129.858



44, 61.704, 128.438



86, 107.192, 129.372

Inverse Universe

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



15, 65.049, 313.233



22, 79.238, 312.922



24, 60.271, 328.866



20, 3.882, 310.561



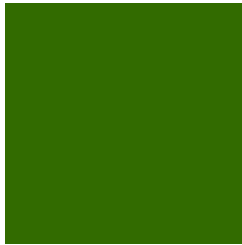
17, 69.539, 313.122



40, 120.344, 312.472

Previews

White Background



This preview shows how the CIELCh color 40, 57.702, 128.265 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 40, 57.702, 128.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

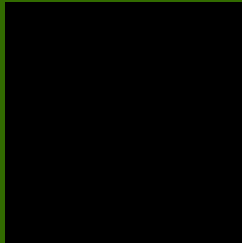
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 57.702, 128.265

Background



This preview shows how black text looks on a background with the CIELCh color 40, 57.702, 128.265.



This preview shows how white text looks on a background with the CIELCh color 40, 57.702, 128.265.

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


40, 57.702, 128.265

Protanopia

40, 47.127, 95.423

Deuteranopia

40, 40.991, 82.879



Tritanopia
40, 13.358, 219.588

Trichromacy



Original Color
40, 57.702, 128.265

Protanomaly
39, 48.943, 110.367

Deuteranomaly
39, 43.611, 105.373

Tritanomaly
40, 27.303, 147.627

Monochromacy



Original Color
40, 57.702, 128.265

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 25.574, 128.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 57.702, 128.265 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(50, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 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(50, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 107, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 57.702, 128.265 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(50, 107, 0) }
```

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

```
.border{ border-color:rgb(50, 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(50, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(50, 107, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 57.702, 128.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 107, 0) }
```

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

```
.background{ background-color: rgb(50, 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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