

Converting Colors

CIELCh(41, 58.957, 148.419)

Have a look what the booklet for
CIELCh(41, 58.957, 148.419)
contains.

CIELCh(42, 54.333, 144.453)	3
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Color

CIELCh(42, 54.333, 144.453)

Conversions

Conversions Part 1

Format	Color
Hex	03732B
RGB	3, 115, 43
RGB Percent	1%, 45%, 17%
CMY	0.9887, 0.5482, 0.8310
CMYK	0.97, 0.00, 0.63, 0.55
HSL	141°, 95%, 23%
HSV	141°, 97%, 45%
XYZ	6.6270, 12.5000, 4.3579
YIQ	73.3040, -43.6400, -46.1360

Conversions

Conversions Part 2

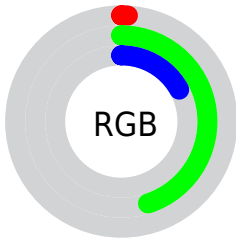
Format	Color
RYB	3, 86, 115
Decimal	226091
CIELab	42.00, -44.21, 31.59
CIElCh	42, 54.333, 144.453
Yxy	12.5000, 0.2822, 0.5323
Android (android.graphics.Color)	4278416171 (0xFF03732B)
YUV	73.3040, -14.9399, -61.6566
Hunter-Lab	35.3553, -28.4138, 17.4407

Details

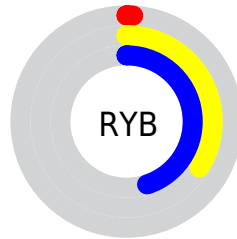
The CIELCh color **42, 54.333, 144.453** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 49.628, 347.726**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 54.278, 144.384**, and **23, 44.475, 136.657** is the 20% darker color. If you saturate the color by 10%, you get **42, 55.245, 144.039**, and if you desaturate by 10%, it is **42, 50.556, 146.303**.

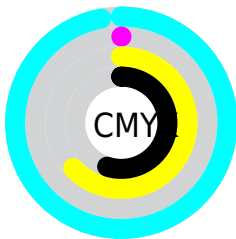
Distribution



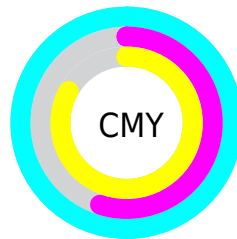
- Red (1%)
- Green (45%)
- Blue (17%)



- Red (1%)
- Yellow (34%)
- Blue (45%)



- Cyan (97%)
- Magenta (0%)
- Yellow (63%)
- Black (55%)





- Cyan (99%)
- Magenta (55%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 54.333, 144.453 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 42, 54.333, 144.453 by changing the saturation by 10% instead.


 42, 54.333,
144.453

 42, 54.333,
144.453


 100, 54.333,
144.453


 32, 54.333,
144.453

 62, 54.333,
144.453


 22, 54.333,
144.453

 72, 54.333,
144.453

 12, 54.333,
144.453

 82, 54.333,
144.453

 2, 54.333, 144.453

 92, 54.333,
144.453

 0, 54.333, 144.453

 42, 54.333,

 42, 54.333,

144.453

144.453

■ 42, 55.245,
144.039

■ 42, 50.556,
146.303

■ 43, 46.255,
148.107

■ 43, 41.374,
149.739

■ 43, 35.982,
151.192

■ 44, 30.173,
152.474

■ 45, 24.051,
153.599

■ 46, 17.722,
154.589

■ 47, 11.283,
155.464

Harmonies

Complementary

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



42, 54.333, 144.453



24, 49.628, 347.726

Rectangle

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



42, 54.333, 144.453



42, 54.333, 194.453



42, 54.333, 324.453



42, 54.333, 14.453

Sweetspot

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



42, 54.333, 144.453



58, 23.247, 154.376



44, 56.718, 121.439



30, 16.052, 154.042



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



42, 54.333, 144.453



54, 67.912, 143.435



43, 31.897, 177.254



24, 3.675, 156.138



45, 57.889, 143.888



87, 100.926, 142.642

Inverse Universe

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



24, 49.628, 347.726



33, 60.367, 348.922



23, 51.079, 29.627



23, 3.699, 337.310



26, 52.174, 348.381



55, 87.544, 349.927

Previews

White Background



This preview shows how the CIELCh color 42, 54.333, 144.453 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 42, 54.333, 144.453 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 42, 54.333, 144.453

Background



This preview shows how black text looks on a background with the CIELCh color 42, 54.333, 144.453.



This preview shows how white text looks on a background with the CIELCh color 42, 54.333, 144.453.

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

42, 54.261, 144.443

Protanopia

42, 35.502, 96.066

Deuteranopia

42, 30.381, 79.116



Tritanopia
42, 20.214, 213.059

Trichromacy



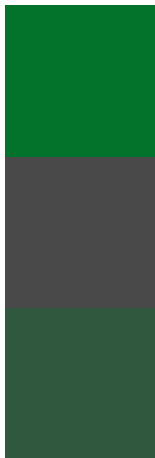
Original Color
42, 54.261, 144.443

Protanomaly
41, 40.273, 127.286

Deuteranomaly
40, 33.746, 123.715

Tritanomaly
42, 29.884, 170.811

Monochromacy



Original Color
42, 54.261, 144.443

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 23.368, 152.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 54.333, 144.453 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(3, 115, 43)` looks like.

```
.text, #text, p{  
    color:rgb(3, 115, 43)  
}
```

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(3, 115, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 115, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 54.333, 144.453 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(3, 115, 43) }
```

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

```
.border{ border-color:rgb(3, 115, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 115, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 115, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 115, 43);  
box-shadow:4px 4px 4px 4px rgb(3, 115, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 42, 54.333, 144.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 115, 43) }
```

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

```
.background{ background-color: rgb(3, 115,  
43) }
```

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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