

Converting Colors

CIELCh(42, 57.325, 140.717)

Have a look what the booklet for
CIELCh(42, 57.325, 140.717)
contains.

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Color

CIELCh(42, 57.363, 140.705)

Conversions

Conversions Part 1

Format	Color
Hex	0E7321
RGB	14, 115, 33
RGB Percent	5%, 45%, 13%
CMY	0.9439, 0.5485, 0.8700
CMYK	0.88, 0.00, 0.71, 0.55
HSL	131°, 78%, 25%
HSV	131°, 88%, 45%
XYZ	6.6091, 12.5000, 3.5132
YIQ	75.4530, -33.8740, -46.9140

Conversions

Conversions Part 2

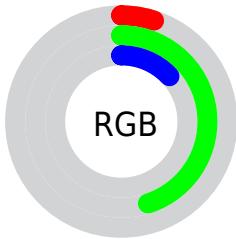
Format	Color
R_{YB}	14, 99, 115
Decimal	946977
CIE _{Lab}	42.00, -44.39, 36.33
CIE _{LCh}	42, 57.363, 140.705
Yxy	12.5000, 0.2922, 0.5526
Android (android.graphics.Color)	4279137057 (0xFF0E7321)
YUV	75.4530, -20.9293, -53.8943
Hunter-Lab	35.3553, -28.5042, 18.8572

Details

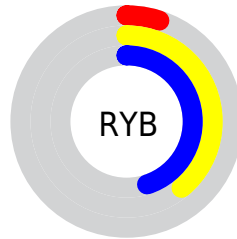
The CIELCh color **42, 57.363, 140.705** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 53.660, 335.873**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 57.339, 140.750**, and **23, 44.475, 136.657** is the 20% darker color. If you saturate the color by 10%, you get **42, 61.159, 139.279**, and if you desaturate by 10%, it is **42, 52.714, 142.232**.

Distribution



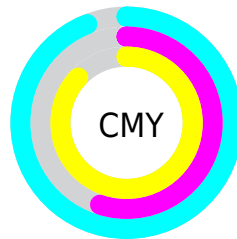
- Red (5%)
- Green (45%)
- Blue (13%)



- Red (5%)
- Yellow (39%)
- Blue (45%)



- Cyan (88%)
- Magenta (0%)
- Yellow (71%)
- Black (55%)





- Cyan (94%)
- Magenta (55%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 57.363, 140.705 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, 57.363, 140.705 by changing the saturation by 10% instead.

 42, 57.363,
140.705


 42, 57.363,
140.705


 100, 57.363,
140.705


 32, 57.363,
140.705

 62, 57.363,
140.705


 22, 57.363,
140.705

 72, 57.363,
140.705

 12, 57.363,
140.705

 82, 57.363,
140.705

 2, 57.363, 140.705

 92, 57.363,
140.705

 0, 57.363, 140.705

 42, 57.363,

 42, 57.363,

140.705

■ 42, 61.159,
139.279

■ 42, 61.984,
139.006

140.705

■ 42, 52.714,
142.232

■ 43, 47.250,
143.684

■ 43, 41.117,
145.014

■ 44, 34.468,
146.201

■ 45, 27.453,
147.245

■ 45, 20.213,
148.155

■ 46, 12.868,
148.947

■ 48, 5.518, 149.650

Harmonies

Complementary

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



42, 57.363, 140.705



26, 53.660, 335.873

Rectangle

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



42, 57.363, 140.705



42, 57.363, 190.705



42, 57.363, 320.705



42, 57.363, 10.705

Sweetspot

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



42, 57.363, 140.705



59, 23.729, 148.230



45, 51.659, 113.035



30, 16.206, 147.999



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, 57.363, 140.705



54, 76.010, 138.556



43, 36.616, 163.880



24, 4.167, 149.549



44, 64.931, 138.891



86, 112.447, 137.998

Inverse Universe

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



26, 53.660, 335.873



34, 67.574, 337.185



24, 44.239, 11.651



23, 4.179, 330.567



27, 58.340, 336.978



57, 98.170, 337.568

Previews

White Background



This preview shows how the CIELCh color 42, 57.363, 140.705 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, 57.363, 140.705 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, 57.363, 140.705

Background



This preview shows how black text looks on a background with the CIELCh color 42, 57.363, 140.705.



This preview shows how white text looks on a background with the CIELCh color 42, 57.363, 140.705.

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, 57.363, 140.705

Protanopia

42, 39.749, 95.575

Deuteranopia

42, 34.625, 80.729



Tritanopia
42, 19.343, 213.891

Trichromacy



Original Color
42, 57.363, 140.705

Protanomaly
41, 43.393, 122.277

Deuteranomaly
40, 37.618, 118.508

Tritanomaly
42, 29.790, 166.829

Monochromacy



Original Color
42, 57.363, 140.705

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 24.189, 146.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 57.363, 140.705 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(14, 115, 33)` looks like.

```
.text, #text, p{  
    color:rgb(14, 115, 33)  
}
```

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(14, 115, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 115, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 57.363, 140.705 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(14, 115, 33) }
```

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

```
.border{ border-color:rgb(14, 115, 33) }
```

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

Here you see how a box with a 4 pixel rgb(14, 115, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 115, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 115, 33);  
box-shadow:4px 4px 4px 4px rgb(14, 115,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 57.363, 140.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 115, 33) }
```

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

```
.background{ background-color: rgb(14, 115,  
33) }
```

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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