

Converting Colors

CIELCh(42, 26.339, 160.505)

Have a look what the booklet for
CIELCh(42, 26.339, 160.505)
contains.

CIELCh(42, 26.478, 160.188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 26.478, 160.188)

Conversions

Conversions Part 1

Format	Color
Hex	376E54
RGB	55, 110, 84
RGB Percent	22%, 43%, 33%
CMY	0.7859, 0.5702, 0.6721
CMYK	0.50, 0.00, 0.24, 0.57
HSL	152°, 33%, 32%
HSV	152°, 50%, 43%
XYZ	8.6715, 12.5000, 10.2651
YIQ	90.5910, -24.4340, -19.7460

Conversions

Conversions Part 2

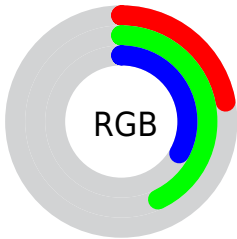
Format	Color
RYB	55, 91, 110
Decimal	3632724
CIELab	42.00, -24.91, 8.97
CIELCh	42, 26.478, 160.188
Yxy	12.5000, 0.2758, 0.3976
Android (android.graphics.Color)	4281822804 (0xFF376E54)
YUV	90.5910, -3.2494, -31.2133
Hunter-Lab	35.3553, -18.0918, 7.5345




Details

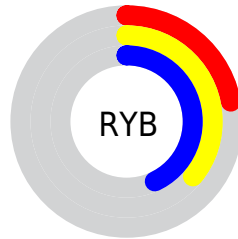
The CIELCh color **42, 26.478, 160.188** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 28.176, 350.355**, and the grayscale version is **38, 0.005, 296.813**.




A 20% lighter version of the original color is **62, 26.213, 160.424**, and **22, 26.535, 159.890** is the 20% darker color. If you saturate the color by 10%, you get **41, 31.103, 158.817**, and if you desaturate by 10%, it is **43, 21.530, 161.407**.

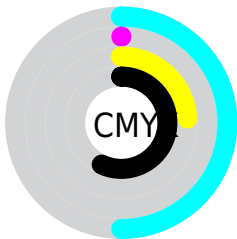
Distribution







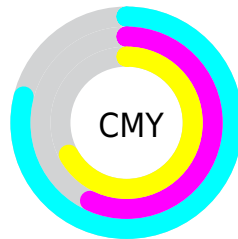
-  Red (22%)
-  Green (43%)
-  Blue (33%)






-  Red (22%)
-  Yellow (36%)
-  Blue (43%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (57%)



-  Cyan (79%)
-  Magenta (57%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 26.478, 160.188 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, 26.478, 160.188 by changing the saturation by 10% instead.

 42, 26.478,
160.188

 42, 26.478,
160.188

 100, 26.478,
160.188

 32, 26.478,
160.188

 62, 26.478,
160.188


 22, 26.478,
160.188

 72, 26.478,
160.188

 12, 26.478,
160.188

 82, 26.478,
160.188

 2, 26.478, 160.188

 92, 26.478,
160.188

 0, 26.478, 160.188

 42, 26.478,

 42, 26.478,

160.188

160.188

■ 41, 31.103,
158.817

■ 43, 21.530,
161.407

■ 41, 35.329,
157.277

■ 43, 16.340,
162.499

■ 41, 39.099,
155.550

■ 44, 10.991,
163.485

■ 40, 42.386,
153.632

■ 45, 5.554, 164.393

■ 40, 45.350,
151.770

■ 46, 0.095, 167.981

■ 47, 5.337, 345.842

■ 49, 10.702,
346.552

■ 50, 15.970,
347.198

■ 51, 21.122,

Harmonies

Complementary

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



42, 26.478, 160.188



31, 28.176, 350.355

Rectangle

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



42, 26.478, 160.188



42, 26.478, 210.188



42, 26.478, 340.188



42, 26.478, 30.188

Sweetspot

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



42, 26.479, 160.187



57, 10.163, 163.925



43, 34.329, 127.453



29, 6.883, 163.783



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 26.479, 160.187



53, 38.393, 158.606



42, 18.609, 199.008



22, 3.008, 164.504



43, 47.774, 151.581



85, 84.611, 150.136

Inverse Universe

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



31, 28.176, 350.355



37, 41.054, 352.180



30, 26.368, 25.678



21, 3.047, 345.833



24, 47.700, 2.672



53, 81.869, 5.543

Previews

White Background



This preview shows how the CIELCh color 42, 26.478, 160.188 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, 26.478, 160.188 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, 26.478, 160.188

Background



This preview shows how black text looks on a background with the CIELCh color 42, 26.478, 160.188.



This preview shows how white text looks on a background with the CIELCh color 42, 26.478, 160.188.

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, 26.478, 160.188

Protanopia

42, 12.434, 93.659

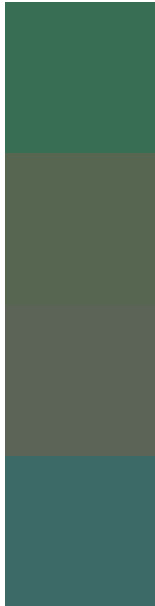
Deuteranopia

42, 8.966, 52.511



Tritanopia
42, 15.583, 216.011

Trichromacy



Original Color
42, 26.478, 160.188

Protanomaly
41, 14.761, 134.249

Deuteranomaly
41, 9.309, 133.345

Tritanomaly
42, 17.324, 189.279

Monochromacy



Original Color
42, 26.478, 160.188

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 9.986, 164.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 26.478, 160.188 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(55, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(55, 110, 84)  
}
```

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(55, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 110, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 26.478, 160.188 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(55, 110, 84) }
```

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

```
.border{ border-color:rgb(55, 110, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 110, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(55, 110,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 26.478, 160.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 110, 84) }
```

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

```
.background{ background-color: rgb(55, 110,  
84) }
```

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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