

Converting Colors

CIELCh(41, 28.266, 161.175)

Have a look what the booklet for
CIELCh(41, 28.266, 161.175)
contains.

CIELCh(41, 28.335, 160.995)	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(41, 28.335, 160.995)

Conversions

Conversions Part 1

Format	Color
Hex	2F6C51
RGB	47, 108, 81
RGB Percent	18%, 42%, 32%
CMY	0.8166, 0.5774, 0.6832
CMYK	0.57, 0.00, 0.25, 0.58
HSL	153°, 39%, 30%
HSV	153°, 57%, 42%
XYZ	7.9756, 11.8645, 9.6106
YIQ	86.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

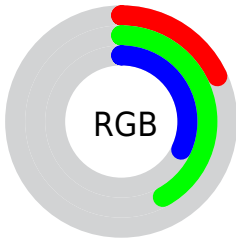
Format	Color
R_{YB}	47, 86, 108
Decimal	3107921
CIE _{Lab}	41.00, -26.79, 9.23
CIE _{LCh}	41, 28.335, 160.995
Yxy	11.8645, 0.2708, 0.4029
Android (android.graphics.Color)	4281298001 (0xFF2F6C51)
YUV	86.6830, -2.8017, -34.8020
Hunter-Lab	34.4449, -18.9478, 7.5687

Details

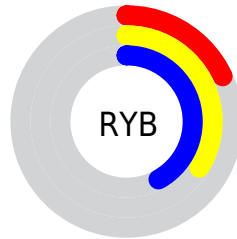
The CIELCh color $[41, 28.335, 160.995]$ is a dark color, and the websafe version is hex $\#336633$. A complement of this color would be $[29, 30.659, 353.293]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[61, 28.575, 160.790]$, and $[21, 26.731, 158.192]$ is the 20% darker color. If you saturate the color by 10%, you get $[41, 32.501, 159.522]$, and if you desaturate by 10%, it is $[42, 23.800, 162.307]$.

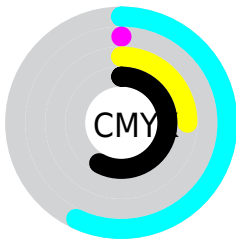
Distribution



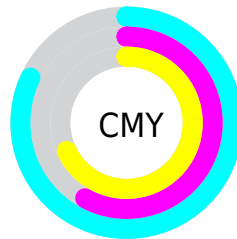
- Red (18%)
- Green (42%)
- Blue (32%)



- Red (18%)
- Yellow (34%)
- Blue (42%)



- Cyan (57%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)




- Cyan (82%)
- Magenta (58%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 28.335, 160.995 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, 28.335, 160.995 by changing the saturation by 10% instead.


 41, 28.335,
160.995


 41, 28.335,
160.995


 100, 28.335,
160.995


 31, 28.335,
160.995

 61, 28.335,
160.995


 21, 28.335,
160.995

 71, 28.335,
160.995

 11, 28.335,
160.995

 81, 28.335,
160.995

 1, 28.335, 160.995

 91, 28.335,
160.995

 0, 28.335, 160.995

 41, 28.335,

 41, 28.335,

160.995

■ 41, 32.501,
159.522

■ 40, 36.235,
157.872

■ 40, 39.504,
156.032

■ 40, 42.390,
154.086

■ 40, 43.359,
153.478

160.995

■ 42, 23.800,
162.307

■ 42, 18.970,
163.482

■ 43, 13.924,
164.541

■ 44, 8.739, 165.505

■ 45, 3.482, 166.421

■ 46, 1.788, 346.989

■ 47, 7.026, 347.840

■ 48, 12.195,
348.544

■ 50, 17.271,
349.194

Harmonies

Complementary

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



41, 28.335, 160.995



29, 30.659, 353.293

Rectangle

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



41, 28.335, 160.995



41, 28.335, 210.995



41, 28.335, 340.995



41, 28.335, 30.995

Sweetspot

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



41, 28.336, 160.994



56, 11.098, 165.426



42, 38.238, 128.363



29, 7.477, 165.292



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 28.336, 160.994



52, 40.795, 159.006



41, 19.339, 202.743



22, 2.945, 166.204



43, 46.262, 153.241



85, 81.866, 151.794

Inverse Universe

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



29, 30.659, 353.293



34, 44.266, 355.874



28, 29.118, 28.935



21, 2.988, 347.562



24, 47.578, 5.444



52, 81.904, 8.507

Previews

White Background



This preview shows how the CIELCh color 41, 28.335, 160.995 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 41, 28.335, 160.995 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, 28.335, 160.995

Background



This preview shows how black text looks on a background with the CIELCh color 41, 28.335, 160.995.



This preview shows how white text looks on a background with the CIELCh color 41, 28.335, 160.995.

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, 28.335, 160.995

Protanopia
41, 13.063, 94.140

Deuteranopia
41, 9.374, 55.438



Tritanopia
41, 16.888, 214.469

Trichromacy



Original Color
41, 28.335, 160.995

Protanomaly
40, 15.755, 135.949

Deuteranomaly
40, 10.276, 136.146

Tritanomaly
41, 18.723, 189.659

Monochromacy



Original Color
41, 28.335, 160.995

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 11.068, 164.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 28.335, 160.995 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(47, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(47, 108, 81)  
}
```

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(47, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 108, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 28.335, 160.995 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(47, 108, 81) }
```

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

```
.border{ border-color:rgb(47, 108, 81) }
```

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

Here you see how a box with a 4 pixel rgb(47, 108, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(47, 108,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 28.335, 160.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 108, 81) }
```

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

```
.background{ background-color: rgb(47, 108,  
81) }
```

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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