

Converting Colors

CIELCh(41, 29.040, 148.500)

Have a look what the booklet for
CIELCh(41, 29.040, 148.500)
contains.

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Color

CIELCh(41, 29.279, 148.683)

Conversions

Conversions Part 1

Format	Color
Hex	3B6B47
RGB	59, 107, 71
RGB Percent	23%, 42%, 28%
CMY	0.7692, 0.5809, 0.7221
CMYK	0.45, 0.00, 0.34, 0.58
HSL	135°, 29%, 32%
HSV	135°, 45%, 42%
XYZ	8.1714, 11.8645, 7.7984
YIQ	88.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

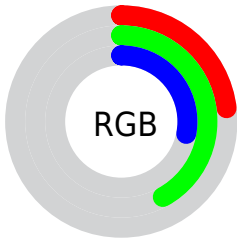
Format	Color
RYB	59, 97, 107
Decimal	3894087
CIELab	41.00, -25.01, 15.22
CIElCh	41, 29.279, 148.683
Yxy	11.8645, 0.2936, 0.4263
Android (android.graphics.Color)	4282084167 (0xFF3B6B47)
YUV	88.5440, -8.6492, -25.9101
Hunter-Lab	34.4449, -17.9329, 10.6881

Details

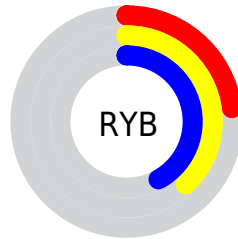
The CIELCh color $41, 29.279, 148.683$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 29.446, 335.326$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 29.266, 148.852$, and $21, 29.202, 148.574$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.361, 147.515$, and if you desaturate by 10%, it is $42, 22.919, 149.706$.

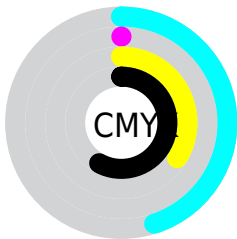
Distribution



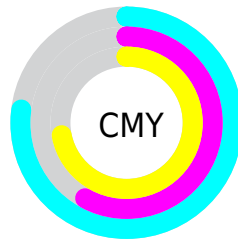
- Red (23%)
- Green (42%)
- Blue (28%)



- Red (23%)
- Yellow (38%)
- Blue (42%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (77%)
- Magenta (58%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 29.279, 148.683 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, 29.279, 148.683 by changing the saturation by 10% instead.

 41, 29.279,
148.683


 41, 29.279,
148.683


 100, 29.279,
148.683


 31, 29.279,
148.683

 61, 29.279,
148.683


 21, 29.279,
148.683

 71, 29.279,
148.683

 11, 29.279,
148.683


 81, 29.279,
148.683

 1, 29.279, 148.683

 91, 29.279,
148.683

 0, 29.279, 148.683

 41, 29.279,

 41, 29.279,

148.683

148.683

■ 40, 35.361,
147.515

■ 42, 22.919,
149.706

■ 40, 41.045,
146.192

■ 43, 16.392,
150.600

■ 39, 46.211,
144.716

■ 44, 9.795, 151.385

■ 39, 50.754,
143.107

■ 45, 3.209, 152.106

■ 46, 3.304, 332.576

■ 39, 54.627,
141.458

■ 47, 9.698, 333.142

■ 39, 56.430,
140.752

■ 48, 15.940,
333.617

■ 50, 22.011,
334.037

■ 51, 27.899,
334.413

Harmonies

Complementary

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



41, 29.279, 148.683



32, 29.446, 335.326

Rectangle

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



41, 29.279, 148.683



41, 29.279, 198.683



41, 29.279, 328.683



41, 29.279, 18.683

Sweetspot

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



41, 29.280, 148.683



56, 10.506, 151.500



43, 28.517, 117.276



28, 7.301, 151.376



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 29.280, 148.683



52, 42.782, 147.449



42, 19.573, 175.212



22, 3.686, 151.813



43, 60.598, 140.537



85, 107.061, 139.409

Inverse Universe

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



32, 29.446, 335.326



38, 42.789, 336.135



31, 22.816, 4.884



21, 3.701, 332.858



25, 54.146, 340.719



55, 92.253, 341.666

Previews

White Background



This preview shows how the CIELCh color 41, 29.279, 148.683 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, 29.279, 148.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

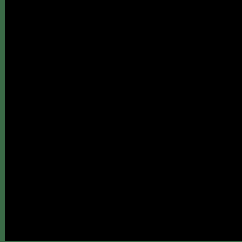
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 29.279, 148.683

Background



This preview shows how black text looks on a background with the CIELCh color 41, 29.279, 148.683.



This preview shows how white text looks on a background with the CIELCh color 41, 29.279, 148.683.

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, 29.279, 148.683

Protanopia

41, 18.412, 95.694

Deuteranopia

41, 14.721, 67.300



Tritanopia
41, 13.060, 220.068

Trichromacy



Original Color
41, 29.279, 148.683

Protanomaly
41, 19.889, 123.027

Deuteranomaly
40, 14.566, 115.034

Tritanomaly
41, 15.803, 179.511

Monochromacy



Original Color
41, 29.279, 148.683

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 11.076, 152.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 29.279, 148.683 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(59, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(59, 107, 71)  
}
```

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(59, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 107, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 29.279, 148.683 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(59, 107, 71) }
```

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

```
.border{ border-color:rgb(59, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(59, 107,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 29.279, 148.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 107, 71) }
```

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

```
.background{ background-color: rgb(59, 107,  
71) }
```

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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