

Converting Colors

CIELCh(44, 15.214, 257.632)

Have a look what the booklet for
CIELCh(44, 15.214, 257.632)
contains.

CIELCh(44, 15.047, 256.031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 15.047, 256.031)

Conversions

Conversions Part 1

Format	Color
Hex	526B80
RGB	82, 107, 128
RGB Percent	32%, 42%, 50%
CMY	0.6788, 0.5808, 0.4985
CMYK	0.36, 0.16, 0.00, 0.50
HSL	207°, 22%, 41%
HSV	207°, 36%, 50%
XYZ	12.6064, 13.8382, 22.3909
YIQ	101.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

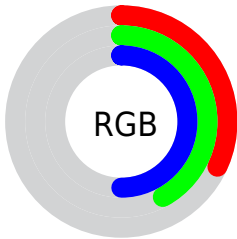
Format	Color
RYB	82, 98, 128
Decimal	5401472
CIELab	44.00, -3.63, -14.60
CIElCh	44, 15.047, 256.031
Yxy	13.8382, 0.2581, 0.2834
Android (android.graphics.Color)	4283591552 (0xFF526B80)
YUV	101.9190, 12.8579, -17.4690
Hunter-Lab	37.1997, -4.6089, -9.6474

Details

The CIELCh color **44, 15.047, 256.031** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 17.039, 66.548**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 15.178, 257.053**, and **24, 15.056, 255.918** is the 20% darker color. If you saturate the color by 10%, you get **41, 18.979, 258.259**, and if you desaturate by 10%, it is **47, 10.988, 254.163**.

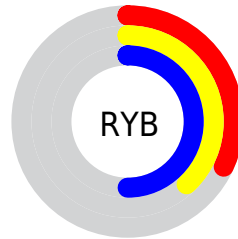
Distribution



Red (32%)

Green (42%)

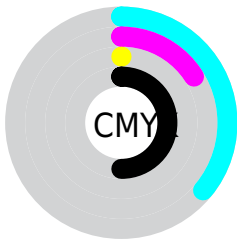
Blue (50%)



Red (32%)

Yellow (38%)

Blue (50%)

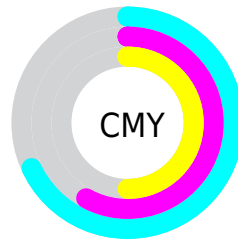


Cyan (36%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (68%)


Magenta (58%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.047, 256.031 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 44, 15.047, 256.031 by changing the saturation by 10% instead.


 44, 15.047,
256.031


 44, 15.047,
256.031


 100, 15.047,
256.031


 34, 15.047,
256.031

 64, 15.047,
256.031


 24, 15.047,
256.031

 74, 15.047,
256.031

 14, 15.047,
256.031


 84, 15.047,
256.031

 4, 15.047, 256.031

 94, 15.047,
256.031

 0, 15.047, 256.031

 44, 15.047,

 44, 15.047,

256.031

256.031

■ 41, 18.979,
258.259

■ 47, 10.988,
254.163

■ 39, 22.775,
260.912

■ 49, 6.823, 252.609

■ 37, 26.439,
264.039

■ 52, 2.572, 251.357

■ 55, 1.743, 69.962

■ 34, 29.998,
267.666

■ 57, 6.103, 69.131

■ 32, 33.503,
271.767

■ 60, 10.489, 68.337

■ 63, 14.887, 67.643

■ 30, 37.042,
276.171

■ 66, 19.285, 67.038

■ 29, 38.526,
277.829

■ 68, 23.672, 66.506

Harmonies

Complementary

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



44, 15.047, 256.031



45, 17.039, 66.548

Rectangle

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



44, 15.047, 256.031



44, 15.047, 306.031



44, 15.047, 76.031



44, 15.047, 126.031

Sweetspot

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



44, 15.046, 256.029



64, 5.836, 251.976



50, 23.382, 157.851



33, 3.948, 252.119



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 15.046, 256.029



54, 22.008, 257.788



37, 26.970, 292.674



25, 2.417, 251.709



29, 38.431, 277.813



0, 0.000, 0.000

Inverse Universe

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



41, 24.042, 344.512



49, 35.399, 345.405



52, 24.957, 104.606



25, 3.702, 342.029



27, 51.421, 356.649



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 15.047, 256.031 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 44, 15.047, 256.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

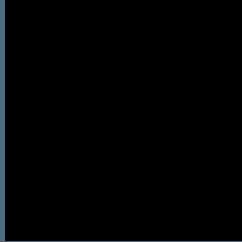
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

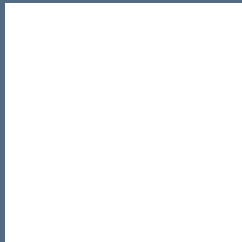
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.047, 256.031

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.047, 256.031.



This preview shows how white text looks on a background with the CIELCh color 44, 15.047, 256.031.

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


44, 15.047, 256.031

Protanopia

44, 13.240, 285.550

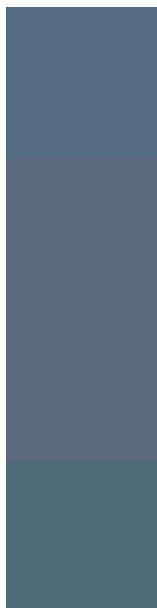
Deuteranopia

44, 16.195, 291.148



Tritanopia
44, 11.829, 222.346

Trichromacy



Original Color
44, 15.047, 256.031

Protanomaly
44, 13.670, 274.858

Deuteranomaly
44, 15.301, 278.543

Tritanomaly
44, 12.518, 237.252

Monochromacy



Original Color
44, 15.047, 256.031

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.425, 250.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.047, 256.031 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(82, 107, 128)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 128)  
}
```

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(82, 107, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.047, 256.031 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(82, 107, 128) }
```

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

```
.border{ border-color:rgb(82, 107, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 128);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.047, 256.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 128) }
```

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

```
.background{ background-color: rgb(82, 107,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor