

Converting Colors

CIELCh(44, 11.533, 324.862)

Have a look what the booklet for
CIELCh(44, 11.533, 324.862)
contains.

CIELCh(44, 11.599, 325.151)	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(44, 11.599, 325.151)

Conversions

Conversions Part 1

Format	Color
Hex	736373
RGB	115, 99, 115
RGB Percent	45%, 39%, 45%
CMY	0.5486, 0.6113, 0.5486
CMYK	0.00, 0.14, 0.00, 0.55
HSL	300°, 7%, 42%
HSV	300°, 14%, 45%
XYZ	14.6592, 13.8382, 18.1530
YIQ	105.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

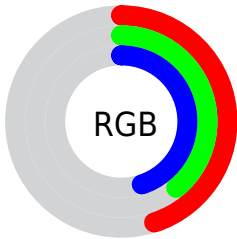
Format	Color
R_{YB}	115, 99, 115
Decimal	7562099
CIE Lab	44.00, 9.52, -6.63
CIE LCh	44, 11.599, 325.151
Yxy	13.8382, 0.3142, 0.2966
Android (android.graphics.Color)	4285752179 (0xFF736373)
YUV	105.6080, 4.6303, 8.2368
Hunter-Lab	37.1997, 5.2416, -2.8930

Details

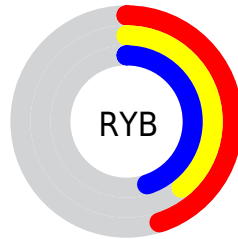
The CIELCh color $44, 11.599, 325.151$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 11.585, 143.655$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 11.498, 324.970$, and $24, 11.958, 325.511$ is the 20% darker color. If you saturate the color by 10%, you get $41, 19.984, 325.675$, and if you desaturate by 10%, it is $47, 3.238, 324.592$.

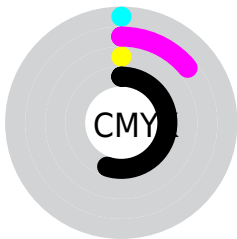
Distribution



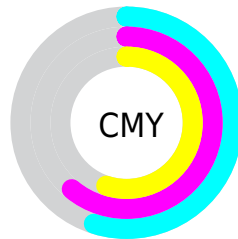
- Red (45%)
- Green (39%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (61%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 11.599, 325.151 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, 11.599, 325.151 by changing the saturation by 10% instead.


 44, 11.599,
325.151


 44, 11.599,
325.151


 100, 11.599,
325.151


 34, 11.599,
325.151

 64, 11.599,
325.151


 24, 11.599,
325.151

 74, 11.599,
325.151

 14, 11.599,
325.151


 84, 11.599,
325.151

 4, 11.599, 325.151

 94, 11.599,
325.151

 0, 11.599, 325.151

 44, 11.599,

 44, 11.599,

325.151

41, 19.984,
325.675

38, 28.263,
326.181

35, 36.247,
326.658

33, 43.697,
327.093

31, 50.330,
327.472

29, 55.857,
327.780

28, 60.032,
328.008

27, 62.783,
328.156

325.151

47, 3.238, 324.592

51, 5.002, 144.166

54, 13.063,
143.643

57, 20.911,
143.155

61, 28.530,
142.692

64, 35.913,
142.253

68, 43.063,
141.840

71, 49.988,
141.453

■ 26, 64.245,
328.234

■ 74, 56.698,
141.092

Harmonies

Complementary

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



44, 11.599, 325.151



47, 11.585, 143.655

Rectangle

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



44, 11.599, 325.151



44, 11.599, 15.151



44, 11.599, 145.151



44, 11.599, 195.151

Sweetspot

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



44, 11.597, 325.151



61, 4.135, 324.606



43, 9.660, 291.586



31, 2.962, 324.645



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 11.597, 325.151



55, 17.684, 325.338



44, 8.193, 344.742



23, 4.757, 324.891



28, 67.128, 328.234



59, 113.808, 328.234

Inverse Universe

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



44, 11.597, 325.151



55, 17.684, 325.338



47, 8.055, 162.560



23, 4.757, 324.891



28, 67.128, 328.234



59, 113.808, 328.234

Previews

White Background



This preview shows how the CIELCh color 44, 11.599, 325.151 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, 11.599, 325.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

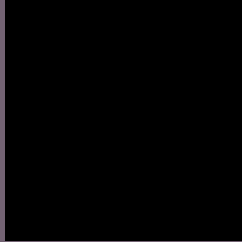
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.599, 325.151

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.599, 325.151.



This preview shows how white text looks on a background with the CIELCh color 44, 11.599, 325.151.

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, 11.599, 325.151

Protanopia

44, 8.997, 288.988

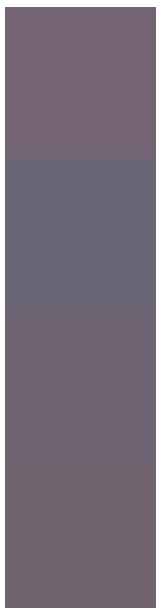
Deuteranopia

44, 9.030, 312.008



Tritanopia
44, 7.523, 340.876

Trichromacy



Original Color
44, 11.599, 325.151

Protanomaly
44, 9.244, 303.741

Deuteranomaly
44, 10.070, 317.293

Tritanomaly
44, 8.753, 331.745

Monochromacy



Original Color
44, 11.599, 325.151

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 4.372, 324.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.599, 325.151 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(115, 99, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 99, 115)  
}
```

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(115, 99, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 99, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.599, 325.151 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(115, 99, 115) }
```

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

```
.border{ border-color:rgb(115, 99, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 99, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 99, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 99, 115);  
box-shadow:4px 4px 4px 4px rgb(115, 99,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.599, 325.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 99, 115) }
```

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

```
.background{ background-color: rgb(115, 99,  
115) }
```

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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