

Converting Colors

CIELCh(45, 7.111, 236.682)

Have a look what the booklet for
CIELCh(45, 7.111, 236.682) contains.

CIELCh(45, 7.025, 235.518)	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(45, 7.025, 235.518)

Conversions

Conversions Part 1

Format	Color
Hex	5E6D74
RGB	94, 109, 116
RGB Percent	37%, 43%, 45%
CMY	0.6319, 0.5730, 0.5456
CMYK	0.19, 0.06, 0.00, 0.55
HSL	199°, 10%, 41%
HSV	199°, 19%, 45%
XYZ	13.2037, 14.5417, 18.5954
YIQ	105.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

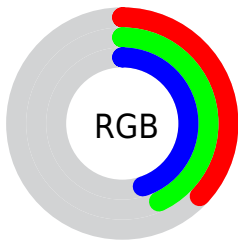
Format	Color
R _Y B	94, 103, 116
Decimal	6188404
CIE Lab	45.00, -3.98, -5.79
CIE LCh	45, 7.025, 235.518
Yxy	14.5417, 0.2849, 0.3138
Android (android.graphics.Color)	4284378484 (0xFF5E6D74)
YUV	105.3130, 5.2687, -9.9215
Hunter-Lab	38.1336, -4.9285, -2.2186

Details

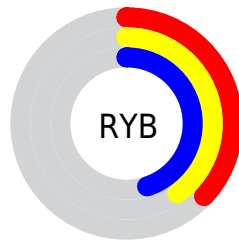
The CIELCh color **45, 7.025, 235.518** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 7.753, 52.487**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 6.964, 238.883**, and **25, 7.165, 232.221** is the 20% darker color. If you saturate the color by 10%, you get **43, 10.476, 236.688**, and if you desaturate by 10%, it is **47, 3.392, 234.600**.

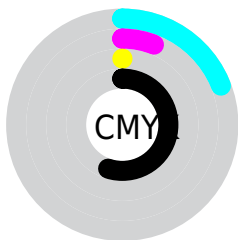
Distribution



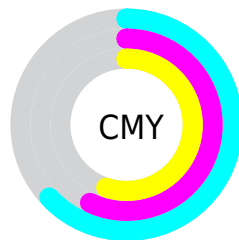
- Red (37%)
- Green (43%)
- Blue (45%)



- Red (37%)
- Yellow (40%)
- Blue (45%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.025, 235.518 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 45, 7.025, 235.518 by changing the saturation by 10% instead.

■ 45, 7.025, 235.518

■ 45, 7.025, 235.518

■ 100, 7.025,
235.518

■ 35, 7.025, 235.518

■ 65, 7.025, 235.518

■ 25, 7.025, 235.518

■ 75, 7.025, 235.518

■ 15, 7.025, 235.518

■ 85, 7.025, 235.518

■ 5, 7.025, 235.518

■ 95, 7.025, 235.518

■ 0, 7.025, 235.518

■ 45, 7.025, 235.518

■ 45, 7.025, 235.518

■ 43, 10.476,
236.688

■ 47, 3.392, 234.600

■ 41, 13.706,

■ 49, 0.387, 52.870

238.167

51, 4.278, 53.030

39, 16.679,
240.008

53, 8.255, 52.565

38, 19.364,
242.284

55, 12.294, 52.171

36, 21.744,
245.074

57, 16.375, 51.847

34, 23.828,
248.444

62, 24.601, 51.363

33, 25.656,
252.429

64, 28.724, 51.183

32, 27.397,
256.689

31, 27.583,
257.098

Harmonies

Complementary

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



45, 7.025, 235.518



44, 7.753, 52.487

Rectangle

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



45, 7.025, 235.518



45, 7.025, 285.518



45, 7.025, 55.518



45, 7.025, 105.518

Sweetspot

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



45, 7.025, 235.509



61, 2.821, 234.408



47, 12.695, 153.621



32, 1.884, 234.437



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



45, 7.025, 235.509



57, 10.432, 236.018



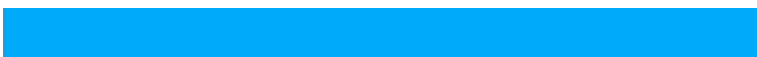
42, 10.945, 283.676



24, 2.146, 234.605



33, 28.769, 257.422



66, 50.195, 260.468

Inverse Universe

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



42, 12.789, 336.297



53, 19.225, 336.636



47, 10.705, 99.336



23, 3.805, 335.585



26, 53.382, 345.409



55, 89.565, 346.697

Previews

White Background



This preview shows how the CIELCh color 45, 7.025, 235.518 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 45, 7.025, 235.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

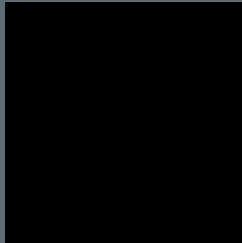
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

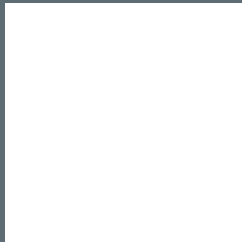
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 7.025, 235.518

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.025, 235.518.



This preview shows how white text looks on a background with the CIELCh color 45, 7.025, 235.518.

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

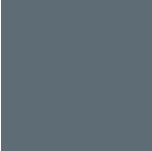
45, 7.025, 235.518

Protanopia

45, 4.777, 290.856

Deuteranopia

45, 9.150, 314.360



Tritanopia
45, 7.361, 239.498

Trichromacy



Original Color
45, 7.025, 235.518

Protanomaly
45, 5.124, 268.283

Deuteranomaly
45, 7.174, 291.191

Tritanomaly
45, 7.361, 239.498

Monochromacy



Original Color
45, 7.025, 235.518

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.668, 241.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.025, 235.518 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(94, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 109, 116)  
}
```

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(94, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 109, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.025, 235.518 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(94, 109, 116) }
```

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

```
.border{ border-color:rgb(94, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 109,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.025, 235.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 109, 116) }
```

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

```
.background{ background-color: rgb(94, 109,  
116) }
```

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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