

Converting Colors

CIELCh(43, 8.072, 214.740)

Have a look what the booklet for
CIELCh(43, 8.072, 214.740) contains.

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Color

CIELCh(43, 8.013, 216.145)

Conversions

Conversions Part 1

Format	Color
Hex	55696D
RGB	85, 105, 109
RGB Percent	33%, 41%, 43%
CMY	0.6664, 0.5879, 0.5723
CMYK	0.22, 0.04, 0.00, 0.57
HSL	190°, 12%, 38%
HSV	190°, 22%, 43%
XYZ	11.5755, 13.1578, 16.4177
YIQ	99.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

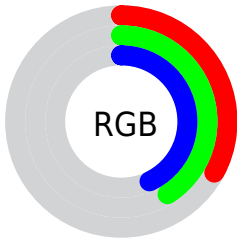
Format	Color
RYB	85, 96, 109
Decimal	5597549
CIELab	43.00, -6.47, -4.73
CIELCh	43, 8.013, 216.145
Yxy	13.1578, 0.2813, 0.3197
Android (android.graphics.Color)	4283787629 (0xFF55696D)
YUV	99.4760, 4.6953, -12.6955
Hunter-Lab	36.2736, -6.5165, -1.4435

Details

The CIELCh color **43, 8.013, 216.145** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 9.220, 35.707**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.954, 215.203**, and **23, 8.079, 217.590** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.271, 216.534**, and if you desaturate by 10%, it is **44, 4.496, 215.913**.

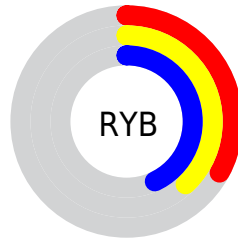
Distribution



Red (33%)

Green (41%)

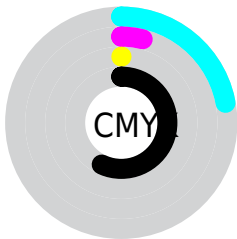
Blue (43%)



Red (33%)

Yellow (38%)

Blue (43%)

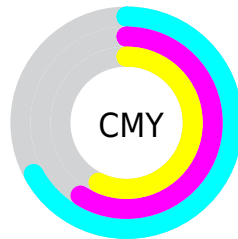


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (67%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.013, 216.145 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 43, 8.013, 216.145 by changing the saturation by 10% instead.

■ 43, 8.013, 216.145

■ 43, 8.013, 216.145

■ 100, 8.013,
216.145

■ 33, 8.013, 216.145

■ 63, 8.013, 216.145

■ 23, 8.013, 216.145

■ 73, 8.013, 216.145

■ 13, 8.013, 216.145

■ 83, 8.013, 216.145

■ 3, 8.013, 216.145

■ 93, 8.013, 216.145

■ 0, 8.013, 216.145

■ 43, 8.013, 216.145

■ 43, 8.013, 216.145

■ 42, 11.271,
216.534

■ 44, 4.496, 215.913

■ 41, 14.216,

■ 46, 0.769, 216.152

217.122

47, 3.121, 35.530

39, 16.794,
217.943

49, 7.135, 35.618

38, 18.959,
219.047

50, 11.241, 35.715

37, 20.675,
220.492

52, 15.410, 35.844

37, 21.930,
222.339

54, 19.621, 36.002

36, 22.746,
224.642

55, 23.856, 36.181

35, 23.296,
226.574

57, 28.101, 36.374

Harmonies

Complementary

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



43, 8.013, 216.145



40, 9.220, 35.707

Rectangle

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



43, 8.013, 216.145



43, 8.013, 266.145



43, 8.013, 36.145



43, 8.013, 86.145

Sweetspot

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



43, 8.013, 216.138



58, 3.308, 215.882



44, 15.841, 147.423



30, 2.133, 215.882



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 8.013, 216.138



55, 11.633, 216.302



39, 9.974, 272.780



22, 2.089, 215.884



38, 24.532, 226.852



76, 42.224, 228.907

Inverse Universe

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



39, 15.701, 330.654



49, 23.146, 330.940



43, 10.061, 87.107



21, 3.927, 329.869



26, 57.462, 335.824



56, 98.171, 336.358

Previews

White Background



This preview shows how the CIELCh color 43, 8.013, 216.145 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 43, 8.013, 216.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

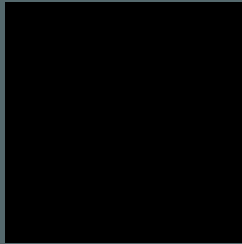
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 8.013, 216.145

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.013, 216.145.



This preview shows how white text looks on a background with the CIELCh color 43, 8.013, 216.145.

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

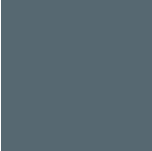
43, 8.013, 216.145

Protanopia

43, 3.046, 298.296

Deuteranopia

43, 8.140, 317.719



Tritanopia
43, 8.591, 238.085

Trichromacy



Original Color
43, 8.013, 216.145

Protanomaly
43, 3.810, 251.606

Deuteranomaly
43, 5.464, 282.604

Tritanomaly
43, 8.267, 234.571

Monochromacy



Original Color
43, 8.013, 216.145

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 2.889, 211.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.013, 216.145 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(85, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(85, 105, 109)  
}
```

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(85, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 105, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.013, 216.145 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(85, 105, 109) }
```

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

```
.border{ border-color:rgb(85, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(85, 105,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.013, 216.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 105, 109) }
```

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

```
.background{ background-color: rgb(85, 105,  
109) }
```

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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