

Converting Colors

CIELCh(43, 5.036, 242.086)

Have a look what the booklet for
CIELCh(43, 5.036, 242.086) contains.

CIELCh(43, 5.276, 242.410)	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(43, 5.276, 242.410)

Conversions

Conversions Part 1

Format	Color
Hex	5D676D
RGB	93, 103, 109
RGB Percent	36%, 40%, 43%
CMY	0.6349, 0.5957, 0.5722
CMYK	0.15, 0.05, 0.00, 0.57
HSL	202°, 8%, 40%
HSV	202°, 15%, 43%
XYZ	12.1490, 13.1578, 16.3945
YIQ	100.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

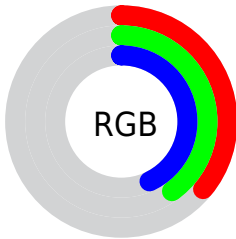
Format	Color
R_{YB}	93, 99, 109
Decimal	6121325
CIE Lab	43.00, -2.44, -4.68
CIE LCh	43, 5.276, 242.410
Yxy	13.1578, 0.2913, 0.3155
Android (android.graphics.Color)	4284311405 (0xFF5D676D)
YUV	100.6940, 4.0949, -6.7476
Hunter-Lab	36.2736, -3.6944, -1.4055

Details

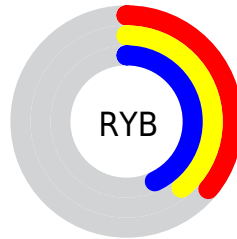
The CIELCh color **43, 5.276, 242.410** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 5.618, 59.494**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 5.229, 239.217**, and **23, 5.442, 246.562** is the 20% darker color. If you saturate the color by 10%, you get **41, 8.723, 243.674**, and if you desaturate by 10%, it is **45, 1.705, 241.444**.

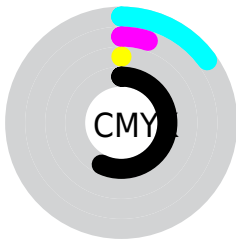
Distribution



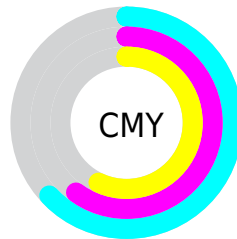
- Red (36%)
- Green (40%)
- Blue (43%)



- Red (36%)
- Yellow (39%)
- Blue (43%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 5.276, 242.410 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, 5.276, 242.410 by changing the saturation by 10% instead.

■ 43, 5.276, 242.410

■ 43, 5.276, 242.410

■ 100, 5.276,
242.410

■ 33, 5.276, 242.410

■ 63, 5.276, 242.410

■ 23, 5.276, 242.410

■ 73, 5.276, 242.410

■ 13, 5.276, 242.410

■ 83, 5.276, 242.410

■ 3, 5.276, 242.410

■ 93, 5.276, 242.410

■ 0, 5.276, 242.410

■ 43, 5.276, 242.410

■ 43, 5.276, 242.410

■ 41, 8.723, 243.674

■ 45, 1.705, 241.444

■ 39, 12.019,
245.243

■ 47, 1.963, 60.231

37, 15.135,
247.156

49, 5.704, 59.591

35, 18.048,
249.480

52, 9.498, 58.991

33, 20.746,
252.282

54, 13.327, 58.477

32, 23.234,
255.619

56, 17.177, 58.038

30, 25.546,
259.517

58, 21.037, 57.661

60, 24.897, 57.336

28, 27.761,
263.860

62, 28.750, 57.053

27, 28.992,
266.035

Harmonies

Complementary

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



43, 5.276, 242.410



43, 5.618, 59.494

Rectangle

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



43, 5.276, 242.410



43, 5.276, 292.410



43, 5.276, 62.410



43, 5.276, 112.410

Sweetspot

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



43, 5.276, 242.398



58, 1.824, 241.413



45, 8.982, 156.078



30, 1.286, 241.447



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, 5.276, 242.398



55, 8.025, 242.854



41, 8.458, 285.769



21, 2.008, 241.795



30, 30.695, 266.488



61, 55.053, 269.713

Inverse Universe

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



41, 9.012, 338.493



52, 13.829, 338.788



45, 8.275, 102.631



21, 3.385, 338.060



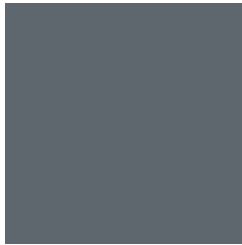
25, 50.203, 349.567



54, 85.461, 351.323

Previews

White Background



This preview shows how the CIELCh color 43, 5.276, 242.410 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, 5.276, 242.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

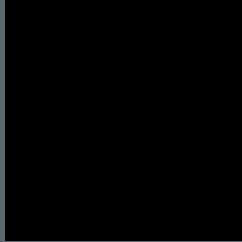
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

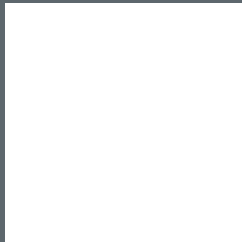
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 5.276, 242.410

Background



This preview shows how black text looks on a background with the CIELCh color 43, 5.276, 242.410.



This preview shows how white text looks on a background with the CIELCh color 43, 5.276, 242.410.

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, 5.276, 242.410

Protanopia

43, 4.216, 290.799

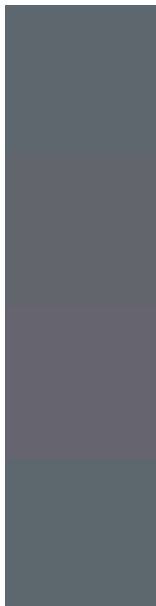
Deuteranopia

43, 7.410, 316.972



Tritanopia
43, 6.119, 251.190

Trichromacy



Original Color

43, 5.276, 242.410

Protanomaly

43, 3.921, 266.625

Deuteranomaly

43, 6.094, 298.601

Tritanomaly

43, 5.682, 247.118

Monochromacy



Original Color

43, 5.276, 242.410

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.007, 236.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 5.276, 242.410 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(93, 103, 109)` looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 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(93, 103, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 5.276, 242.410 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(93, 103, 109) }
```

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

```
.border{ border-color:rgb(93, 103, 109) }
```

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

Here you see how a box with a 4 pixel rgb(93, 103, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 109);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 5.276, 242.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 109) }
```

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

```
.background{ background-color: rgb(93, 103,  
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](#).

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