

Converting Colors

CIELCh(43, 3.577, 242.838)

Have a look what the booklet for
CIELCh(43, 3.577, 242.838) contains.

CIELCh(43, 3.652, 240.501)	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, 3.652, 240.501)

Conversions

Conversions Part 1

Format	Color
Hex	60676B
RGB	96, 103, 107
RGB Percent	38%, 40%, 42%
CMY	0.6248, 0.5974, 0.5817
CMYK	0.10, 0.04, 0.00, 0.58
HSL	202°, 5%, 40%
HSV	202°, 10%, 42%
XYZ	12.2426, 13.1578, 15.7120
YIQ	101.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

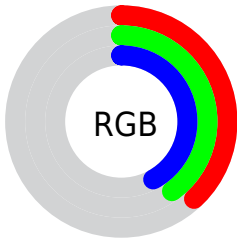
Format	Color
R_{YB}	96, 100, 107
Decimal	6317931
CIE Lab	43.00, -1.80, -3.18
CIE LCh	43, 3.652, 240.501
Yxy	13.1578, 0.2978, 0.3200
Android (android.graphics.Color)	4284508011 (0xFF60676B)
YUV	101.3630, 2.7790, -4.7034
Hunter-Lab	36.2736, -3.2337, -0.2900

Details

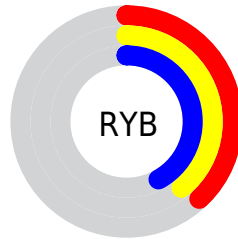
The CIELCh color **43, 3.652, 240.501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 3.816, 58.482**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.421, 240.226**, and **23, 3.685, 245.629** is the 20% darker color. If you saturate the color by 10%, you get **41, 7.075, 241.594**, and if you desaturate by 10%, it is **45, 0.114, 242.065**.

Distribution



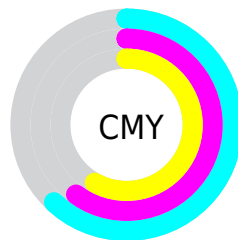
- Red (38%)
- Green (40%)
- Blue (42%)



- Red (38%)
- Yellow (39%)
- Blue (42%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 3.652, 240.501 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, 3.652, 240.501 by changing the saturation by 10% instead.

■ 43, 3.652, 240.501

■ 43, 3.652, 240.501

■ 100, 3.652,
240.501

■ 33, 3.652, 240.501

■ 63, 3.652, 240.501

■ 23, 3.652, 240.501

■ 73, 3.652, 240.501

■ 13, 3.652, 240.501

■ 83, 3.652, 240.501

■ 3, 3.652, 240.501

■ 93, 3.652, 240.501

■ 0, 3.652, 240.501

■ 43, 3.652, 240.501

■ 43, 3.652, 240.501

■ 41, 7.075, 241.594

■ 45, 0.114, 242.065

■ 39, 10.354,
242.983

■ 47, 3.514, 58.585

■ 37, 13.460,
244.688

■ 49, 7.209, 57.976

■ 35, 16.365,
246.768

■ 51, 10.951, 57.445

■ 34, 19.051,
249.295

■ 53, 14.724, 56.994

■ 32, 21.512,
252.334

■ 55, 18.516, 56.609

■ 58, 22.314, 56.280

■ 30, 23.765,
255.931

■ 60, 26.111, 55.997

■ 62, 29.900, 55.752

■ 29, 25.857,
260.091

■ 27, 27.906,
264.128

Harmonies

Complementary

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



43, 3.652, 240.501



43, 3.816, 58.482

Rectangle

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



43, 3.652, 240.501



43, 3.652, 290.501



43, 3.652, 60.501



43, 3.652, 110.501

Sweetspot

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



43, 3.652, 240.482



57, 1.327, 239.966



44, 6.264, 155.702



29, 0.997, 239.980



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 3.652, 240.482



54, 5.226, 240.683



41, 5.690, 284.381



21, 2.002, 240.356



30, 30.062, 264.730



62, 53.807, 267.970

Inverse Universe

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



42, 6.246, 337.642



53, 8.982, 337.792



44, 5.605, 102.181



21, 3.413, 337.542



25, 50.503, 348.678



54, 85.959, 350.353

Previews

White Background



This preview shows how the CIELCh color 43, 3.652, 240.501 looks on a white background.

Color Contrast Check

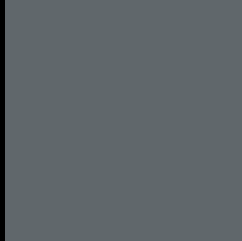
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 3.652, 240.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

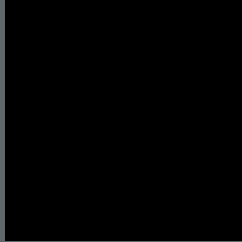
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

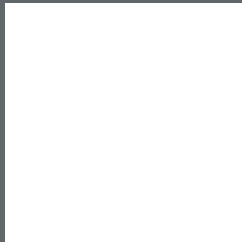
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 3.652, 240.501

Background



This preview shows how black text looks on a background with the CIELCh color 43, 3.652, 240.501.



This preview shows how white text looks on a background with the CIELCh color 43, 3.652, 240.501.

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, 3.652, 240.501

Protanopia

43, 3.046, 298.296

Deuteranopia

43, 7.551, 327.521



Tritanopia
43, 5.319, 264.417

Trichromacy



Original Color

43, 3.652, 240.501

Protanomaly

43, 2.527, 271.858

Deuteranomaly

43, 5.108, 309.363

Tritanomaly

43, 4.793, 261.030

Monochromacy



Original Color

43, 3.652, 240.501

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.358, 225.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 3.652, 240.501 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(96, 103, 107)` looks like.

```
.text, #text, p{  
    color:rgb(96, 103, 107)  
}
```

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(96, 103, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 103, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 3.652, 240.501 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(96, 103, 107) }
```

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

```
.border{ border-color:rgb(96, 103, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 103, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 103, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 103, 107);  
box-shadow:4px 4px 4px 4px rgb(96, 103,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 3.652, 240.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 103, 107) }
```

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

```
.background{ background-color: rgb(96, 103,  
107) }
```

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