

Converting Colors

CIELCh(43, 2.514, 219.745)

Have a look what the booklet for
CIELCh(43, 2.514, 219.745) contains.

CIELCh(43, 2.496, 213.211)	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, 2.496, 213.211)

Conversions

Conversions Part 1

Format	Color
Hex	616768
RGB	97, 103, 104
RGB Percent	38%, 40%, 41%
CMY	0.6208, 0.5973, 0.5934
CMYK	0.07, 0.01, 0.00, 0.59
HSL	189°, 3%, 39%
HSV	189°, 7%, 41%
XYZ	12.2005, 13.1578, 14.9120
YIQ	101.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

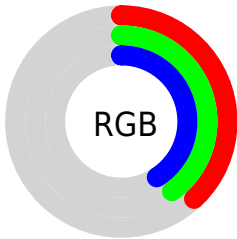
Format	Color
R_{YB}	97, 100, 104
Decimal	6383464
CIE _{Lab}	43.00, -2.09, -1.37
CIE _{LCh}	43, 2.496, 213.211
Yxy	13.1578, 0.3030, 0.3267
Android (android.graphics.Color)	4284573544 (0xFF616768)
YUV	101.3200, 1.3212, -3.7886
Hunter-Lab	36.2736, -3.4411, 1.0176

Details

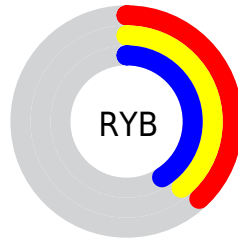
The CIELCh color **43, 2.496, 213.211** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 2.598, 32.957**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 2.334, 213.265**, and **23, 2.314, 215.894** is the 20% darker color. If you saturate the color by 10%, you get **42, 6.039, 213.182**, and if you desaturate by 10%, it is **44, 1.227, 32.779**.

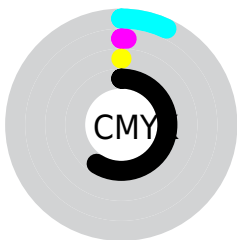
Distribution



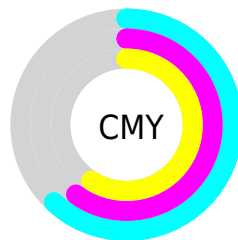
- Red (38%)
- Green (40%)
- Blue (41%)



- Red (38%)
- Yellow (39%)
- Blue (41%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 2.496, 213.211 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, 2.496, 213.211 by changing the saturation by 10% instead.

■ 43, 2.496, 213.211

■ 43, 2.496, 213.211

■ 100, 2.496,
213.211

■ 33, 2.496, 213.211

■ 63, 2.496, 213.211

■ 23, 2.496, 213.211

■ 73, 2.496, 213.211

■ 13, 2.496, 213.211

■ 83, 2.496, 213.211

■ 3, 2.496, 213.211

■ 93, 2.496, 213.211

■ 0, 2.496, 213.211

■ 43, 2.496, 213.211

■ 43, 2.496, 213.211

■ 42, 6.039, 213.182

■ 44, 1.227, 32.779

■ 41, 9.354, 213.356

■ 46, 5.090, 33.073

39, 12.388,
213.684

47, 9.057, 33.239

38, 15.090,
214.194

49, 13.098, 33.429

50, 17.188, 33.645

37, 17.408,
214.922

52, 21.308, 33.880

37, 19.300,
215.914

53, 25.442, 34.128

55, 29.577, 34.386

36, 20.740,
217.219

57, 33.705, 34.648

35, 21.725,
218.889

34, 22.377,
220.855

Harmonies

Complementary

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



43, 2.496, 213.211



42, 2.598, 32.957

Rectangle

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



43, 2.496, 213.211



43, 2.496, 263.211



43, 2.496, 33.211



43, 2.496, 83.211

Sweetspot

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



43, 2.496, 213.184



56, 0.930, 213.488



43, 4.682, 147.960



29, 0.533, 213.528



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, 2.496, 213.184



55, 3.666, 213.165



42, 2.858, 269.242



21, 2.038, 213.160



38, 24.258, 221.813



77, 41.969, 223.592

Inverse Universe

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



42, 4.665, 328.939



53, 6.880, 329.029



43, 2.859, 87.520



20, 3.833, 329.069



25, 57.595, 334.545



56, 99.241, 334.993

Previews

White Background



This preview shows how the CIELCh color 43, 2.496, 213.211 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, 2.496, 213.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

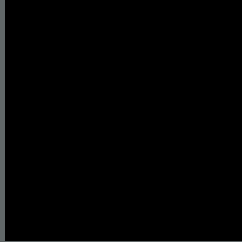
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

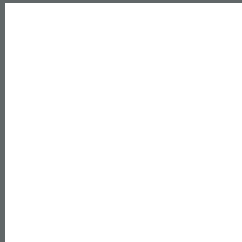
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 2.496, 213.211

Background



This preview shows how black text looks on a background with the CIELCh color 43, 2.496, 213.211.



This preview shows how white text looks on a background with the CIELCh color 43, 2.496, 213.211.

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, 2.496, 213.211

Protanopia

43, 1.471, 324.434

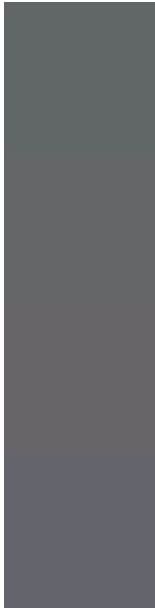
Deuteranopia

43, 6.535, 340.178



Tritanopia
43, 5.037, 272.511

Trichromacy



Original Color

43, 2.496, 213.211

Protanomaly

43, 0.727, 255.951

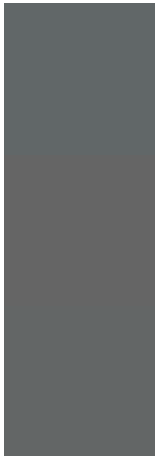
Deuteranomaly

43, 3.666, 324.643

Tritanomaly

43, 3.921, 266.625

Monochromacy



Original Color

43, 2.496, 213.211

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.230, 199.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 2.496, 213.211 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(97, 103, 104)` looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 104)  
}
```

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(97, 103, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 2.496, 213.211 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(97, 103, 104) }
```

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

```
.border{ border-color:rgb(97, 103, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 103, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 104);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 2.496, 213.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 104) }
```

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

```
.background{ background-color: rgb(97, 103,  
104) }
```

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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