

Converting Colors

CIELCh(43, 4.092, 140.236)

Have a look what the booklet for
CIELCh(43, 4.092, 140.236) contains.

CIELCh(43, 4.178, 139.577)	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, 4.178, 139.577)

Conversions

Conversions Part 1

Format	Color
Hex	626761
RGB	98, 103, 97
RGB Percent	38%, 40%, 38%
CMY	0.6157, 0.5961, 0.6196
CMYK	0.05, 0.00, 0.06, 0.60
HSL	110°, 3%, 39%
HSV	110°, 6%, 40%
XYZ	12.0427, 13.1578, 13.2121
YIQ	100.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

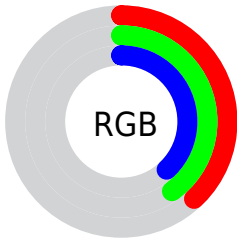
Format	Color
R_{YB}	97, 103, 102
Decimal	6448993
CIE Lab	43.00, -3.18, 2.71
CIE LCh	43, 4.178, 139.577
Yxy	13.1578, 0.3135, 0.3425
Android (android.graphics.Color)	4284639073 (0xFF626761)
YUV	100.8210, -1.8838, -2.4740
Hunter-Lab	36.2736, -4.2177, 3.7960

Details

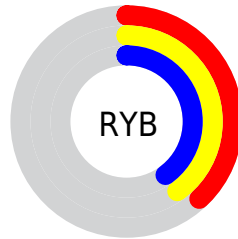
The CIELCh color **43, 4.178, 139.577** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 4.198, 320.016**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.880, 139.670**, and **23, 3.826, 138.487** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.416, 139.074**, and if you desaturate by 10%, it is **44, 2.982, 319.925**.

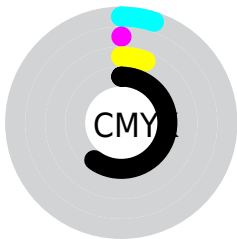
Distribution



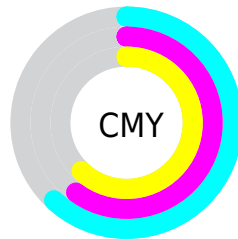
- Red (38%)
- Green (40%)
- Blue (38%)



- Red (38%)
- Yellow (40%)
- Blue (40%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (60%)





















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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.178, 139.577 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, 4.178, 139.577 by changing the saturation by 10% instead.

 43, 4.178, 139.577	 43, 4.178, 139.577
 100, 4.178, 139.577	 33, 4.178, 139.577
 63, 4.178, 139.577	 23, 4.178, 139.577
 73, 4.178, 139.577	 13, 4.178, 139.577
 83, 4.178, 139.577	 3, 4.178, 139.577
 93, 4.178, 139.577	 0, 4.178, 139.577

 43, 4.178, 139.577	 43, 4.178, 139.577
 42, 11.416, 139.074	 44, 2.982, 319.925
 41, 18.668,	 45, 10.025, 320.323

138.520

46, 16.922,
320.644

40, 25.854,
137.906

48, 23.654,
320.917

40, 32.865,
137.241

49, 30.211,
321.151

39, 39.557,
136.549

50, 36.588,
321.352

39, 45.742,
135.878

52, 42.787,
321.523

38, 51.183,
135.305

53, 48.810,
321.669

38, 55.606,
134.934

55, 54.662,
321.794

38, 58.970,
134.729

Harmonies

Complementary

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



43, 4.178, 139.577



42, 4.198, 320.016

Rectangle

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



43, 4.178, 139.577



43, 4.178, 189.577



43, 4.178, 319.577



43, 4.178, 9.577

Sweetspot

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



43, 4.179, 139.579



56, 1.785, 139.804



43, 3.019, 101.709



29, 1.022, 139.820



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, 4.179, 139.579



55, 6.283, 139.510



43, 3.474, 155.341



21, 3.199, 139.514



42, 65.219, 134.641



84, 113.867, 135.151

Inverse Universe

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



42, 4.198, 320.016



54, 6.311, 320.080



42, 3.493, 335.985



20, 3.213, 320.077



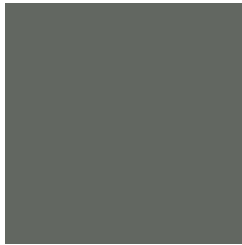
23, 64.964, 322.142



51, 112.802, 321.791

Previews

White Background



This preview shows how the CIELCh color 43, 4.178, 139.577 looks on a white background.

Color Contrast Check

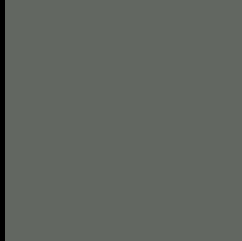
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.178, 139.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

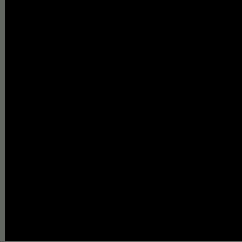
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

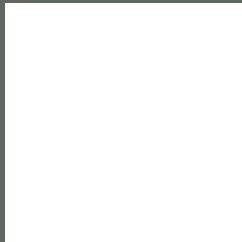
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 4.178, 139.577

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.178, 139.577.



This preview shows how white text looks on a background with the CIELCh color 43, 4.178, 139.577.

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, 4.178, 139.577

Protanopia

43, 3.433, 80.116

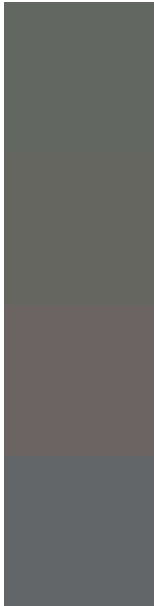
Deuteranopia

43, 6.391, 20.182



Tritanopia
43, 4.828, 286.133

Trichromacy



Original Color

43, 4.178, 139.577

Protanomaly

43, 3.593, 109.640

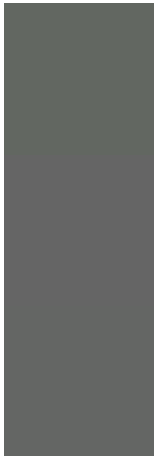
Deuteranomaly

43, 3.585, 39.215

Tritanomaly

43, 2.161, 256.199

Monochromacy



Original Color

43, 4.178, 139.577

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.463, 144.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.178, 139.577 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(98, 103, 97)` looks like.

```
.text, #text, p{  
    color:rgb(98, 103, 97)  
}
```

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(98, 103, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 103, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.178, 139.577 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(98, 103, 97) }
```

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

```
.border{ border-color:rgb(98, 103, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 103, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 103, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 103, 97);  
box-shadow:4px 4px 4px 4px rgb(98, 103,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.178, 139.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 103, 97) }
```

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

```
.background{ background-color: rgb(98, 103,  
97) }
```

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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