

Converting Colors

CIELCh(43, 38.128, 279.045)

Have a look what the booklet for
CIELCh(43, 38.128, 279.045)
contains.

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Color

CIELCh(43, 38.119, 278.833)

Conversions

Conversions Part 1

Format	Color
Hex	3E66A4
RGB	62, 102, 164
RGB Percent	24%, 40%, 64%
CMY	0.7577, 0.6007, 0.3576
CMYK	0.62, 0.38, 0.00, 0.36
HSL	216°, 45%, 44%
HSV	216°, 62%, 64%
XYZ	13.3896, 13.1578, 36.8616
YIQ	97.1080, -43.7420, 10.8020

Conversions

Conversions Part 2

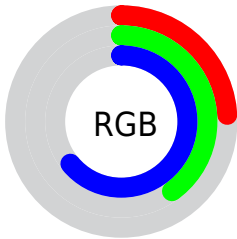
Format	Color
R _{YB}	62, 91, 164
Decimal	4089508
CIE Lab	43.00, 5.85, -37.67
CIE LCh	43, 38.119, 278.833
Yxy	13.1578, 0.2112, 0.2075
Android (android.graphics.Color)	4282279588 (0xFF3E66A4)
YUV	97.1080, 32.9778, -30.7897
Hunter-Lab	36.2736, 2.4106, -34.8596

Details

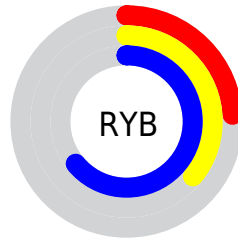
The CIELCh color **43, 38.119, 278.833** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **55, 40.147, 77.729**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 37.778, 278.311**, and **24, 37.670, 281.832** is the 20% darker color. If you saturate the color by 10%, you get **39, 44.495, 282.155**, and if you desaturate by 10%, it is **47, 31.853, 275.907**.

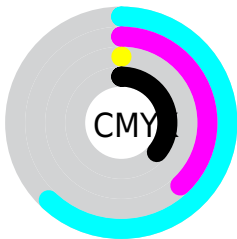
Distribution



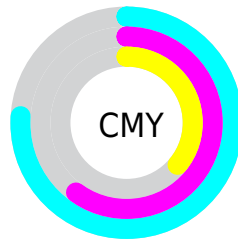
- Red (24%)
- Green (40%)
- Blue (64%)



- Red (24%)
- Yellow (36%)
- Blue (64%)



- Cyan (62%)
- Magenta (38%)
- Yellow (0%)
- Black (36%)





- Cyan (76%)
- Magenta (60%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 38.119, 278.833 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, 38.119, 278.833 by changing the saturation by 10% instead.


 43, 38.119,
278.833


 43, 38.119,
278.833


 100, 38.119,
278.833


 33, 38.119,
278.833

 63, 38.119,
278.833


 23, 38.119,
278.833


 73, 38.119,
278.833

 13, 38.119,
278.833

 83, 38.119,
278.833

 3, 38.119, 278.833

 93, 38.119,
278.833

 0, 38.119, 278.833

 43, 38.119,

 43, 38.119,

278.833

278.833

■ 39, 44.495,
282.155

■ 47, 31.853,
275.907

■ 36, 51.023,
285.815

■ 51, 25.664,
273.373

■ 33, 57.717,
289.685

■ 55, 19.526,
271.202

■ 30, 62.991,
292.566

■ 58, 13.431,
269.351

■ 62, 7.377, 267.779

■ 66, 1.369, 266.564

■ 70, 4.587, 85.160

■ 74, 10.483, 84.173

■ 78, 16.314, 83.294

Harmonies

Complementary

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



43, 38.119, 278.833



55, 40.147, 77.729

Rectangle

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



43, 38.119, 278.833



43, 38.119, 328.833



43, 38.119, 98.833



43, 38.119, 148.833

Sweetspot

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



43, 38.118, 278.834



76, 14.235, 268.864



61, 41.377, 162.283



39, 9.789, 269.317



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 38.118, 278.834



50, 57.600, 283.634



33, 63.494, 301.891



32, 3.385, 267.358



27, 57.092, 292.146



2, 5.454, 269.317

Inverse Universe

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



42, 45.936, 358.380



50, 65.538, 2.213



65, 53.185, 109.418



32, 4.123, 350.655



30, 55.752, 11.297



1, 6.184, 352.228

Previews

White Background



This preview shows how the CIELCh color 43, 38.119, 278.833 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, 38.119, 278.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

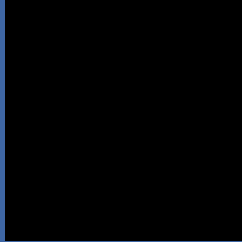
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 38.119, 278.833

Background



This preview shows how black text looks on a background with the CIELCh color 43, 38.119, 278.833.



This preview shows how white text looks on a background with the CIELCh color 43, 38.119, 278.833.

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, 38.119, 278.833

Protanopia

43, 37.510, 285.468

Deuteranopia

43, 38.071, 279.147



Tritanopia
43, 22.031, 211.512

Trichromacy



Original Color
43, 38.119, 278.833

Protanomaly
43, 37.725, 282.738

Deuteranomaly
43, 38.071, 279.147

Tritanomaly
43, 23.577, 244.126

Monochromacy



Original Color
43, 38.119, 278.833

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 14.207, 269.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 38.119, 278.833 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(62, 102, 164)` looks like.

```
.text, #text, p{  
    color:rgb(62, 102, 164)  
}
```

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(62, 102, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 102, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 38.119, 278.833 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(62, 102, 164) }
```

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

```
.border{ border-color:rgb(62, 102, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 102, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 102, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 102, 164);  
box-shadow:4px 4px 4px 4px rgb(62, 102,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 38.119, 278.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 102, 164) }
```

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

```
.background{ background-color: rgb(62, 102,  
164) }
```

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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