

Converting Colors

CIELCh(43, 37.362, 278.131)

Have a look what the booklet for
CIELCh(43, 37.362, 278.131)
contains.

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Color

CIELCh(43, 37.566, 278.422)

Conversions

Conversions Part 1

Format	Color
Hex	3E66A3
RGB	62, 102, 163
RGB Percent	24%, 40%, 64%
CMY	0.7571, 0.6002, 0.3610
CMYK	0.62, 0.37, 0.00, 0.36
HSL	216°, 45%, 44%
HSV	216°, 62%, 64%
XYZ	13.3355, 13.1578, 36.4617
YIQ	96.9940, -43.4210, 10.4910

Conversions

Conversions Part 2

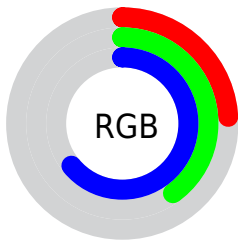
Format	Color
R _{YB}	62, 91, 163
Decimal	4089507
CIE Lab	43.00, 5.50, -37.16
CIE LCh	43, 37.566, 278.422
Yxy	13.1578, 0.2118, 0.2090
Android (android.graphics.Color)	4282279587 (0xFF3E66A3)
YUV	96.9940, 32.5410, -30.6897
Hunter-Lab	36.2736, 2.1440, -34.2058

Details

The CIELCh color $43, 37.566, 278.422$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $54, 39.718, 77.447$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 37.255, 277.975$, and $24, 37.069, 281.320$ is the 20% darker color. If you saturate the color by 10%, you get $39, 43.860, 281.740$, and if you desaturate by 10%, it is $47, 31.375, 275.503$.

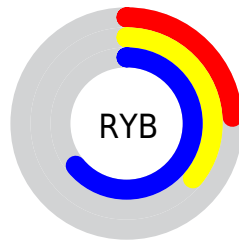
Distribution



Red (24%)

Green (40%)

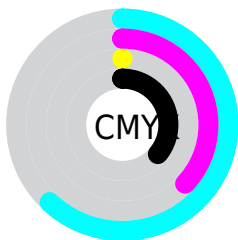
Blue (64%)



Red (24%)

Yellow (36%)

Blue (64%)

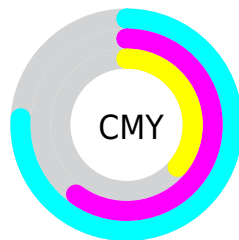


Cyan (62%)

Magenta (37%)

Yellow (0%)

Black (36%)



Cyan (76%)


Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.566, 278.422 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, 37.566, 278.422 by changing the saturation by 10% instead.


 43, 37.566,
278.422


 43, 37.566,
278.422


 100, 37.566,
278.422


 33, 37.566,
278.422

 63, 37.566,
278.422


 23, 37.566,
278.422

 73, 37.566,
278.422

 13, 37.566,
278.422

 83, 37.566,
278.422

 3, 37.566, 278.422

 93, 37.566,
278.422

 0, 37.566, 278.422

 43, 37.566,

 43, 37.566,

278.422

278.422

■ 39, 43.860,
281.740

■ 47, 31.375,
275.503

■ 36, 50.300,
285.401

■ 51, 25.254,
272.977

■ 33, 56.905,
289.284

■ 54, 19.179,
270.814

■ 30, 62.314,
292.294

■ 58, 13.141,
268.971

■ 62, 7.141, 267.406

■ 66, 1.183, 266.225

■ 70, 4.725, 84.797

■ 74, 10.577, 83.814

■ 78, 16.366, 82.938

Harmonies

Complementary

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



43, 37.566, 278.422



54, 39.718, 77.447

Rectangle

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



43, 37.566, 278.422



43, 37.566, 328.422



43, 37.566, 98.422



43, 37.566, 148.422

Sweetspot

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



43, 37.565, 278.423



76, 14.041, 268.533



60, 41.046, 162.334



39, 9.749, 268.988



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, 37.565, 278.423



50, 55.907, 282.947



33, 62.899, 301.837



32, 3.373, 267.028



27, 56.723, 291.888



2, 5.435, 269.038

Inverse Universe

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



41, 45.609, 358.040



49, 64.391, 1.584



64, 52.753, 109.436



32, 4.132, 350.426



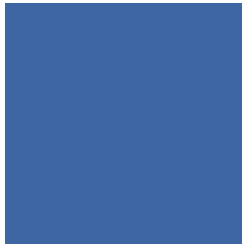
30, 55.721, 10.948



1, 6.197, 352.012

Previews

White Background



This preview shows how the CIE LCh color 43, 37.566, 278.422 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, 37.566, 278.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

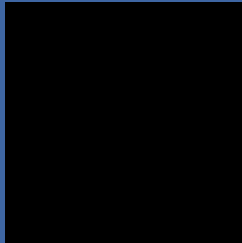
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.566, 278.422

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.566, 278.422.



This preview shows how white text looks on a background with the CIELCh color 43, 37.566, 278.422.

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, 37.566, 278.422

Protanopia

43, 36.897, 285.594

Deuteranopia

43, 37.981, 280.221



Tritanopia
43, 21.852, 211.650

Trichromacy



Original Color
43, 37.566, 278.422

Protanomaly
43, 37.113, 282.776

Deuteranomaly
43, 38.027, 279.894

Tritanomaly
43, 23.439, 244.486

Monochromacy



Original Color
43, 37.566, 278.422

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, 37.566, 278.422 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(62, 102, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 102, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.566, 278.422 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, 163) }
```

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

```
.border{ border-color:rgb(62, 102, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 102, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 102, 163);  
box-shadow:4px 4px 4px 4px rgb(62, 102,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.566, 278.422 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, 163) }
```

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

```
.background{ background-color: rgb(62, 102,  
163) }
```

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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