

Converting Colors

CIELCh(44, 43.506, 278.085)

Have a look what the booklet for
CIELCh(44, 43.506, 278.085)
contains.

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Color

CIELCh(44, 43.593, 278.017)

Conversions

Conversions Part 1

Format	Color
Hex	3169B0
RGB	49, 105, 176
RGB Percent	19%, 41%, 69%
CMY	0.8089, 0.5890, 0.3106
CMYK	0.72, 0.40, 0.00, 0.31
HSL	214°, 57%, 44%
HSV	214°, 72%, 69%
XYZ	14.1024, 13.8382, 42.8951
YIQ	96.3500, -56.1670, 10.2090

Conversions

Conversions Part 2

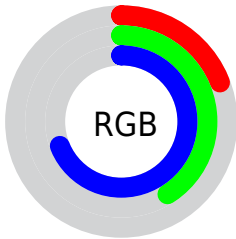
Format	Color
R _Y B	49, 88, 176
Decimal	3238320
CIE Lab	44.00, 6.08, -43.17
CIE LCh	44, 43.593, 278.017
Yxy	13.8382, 0.1991, 0.1954
Android (android.graphics.Color)	4281428400 (0xFF3169B0)
YUV	96.3500, 39.2675, -41.5259
Hunter-Lab	37.1997, 2.5696, -42.3276

Details

The CIELCh color **44, 43.593, 278.017** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **55, 48.729, 71.666**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 43.429, 277.934**, and **25, 42.312, 284.317** is the 20% darker color. If you saturate the color by 10%, you get **41, 49.736, 281.883**, and if you desaturate by 10%, it is **48, 37.548, 274.542**.

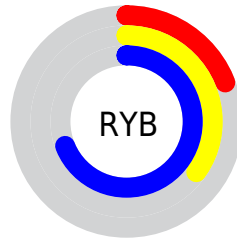
Distribution



Red (19%)

Green (41%)

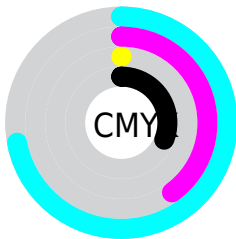
Blue (69%)



Red (19%)

Yellow (35%)

Blue (69%)

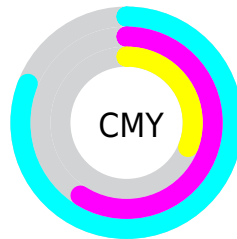


Cyan (72%)

Magenta (40%)

Yellow (0%)

Black (31%)



Cyan (81%)


Magenta (59%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 43.593, 278.017 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 44, 43.593, 278.017 by changing the saturation by 10% instead.


 44, 43.593,
278.017


 44, 43.593,
278.017


 100, 43.593,
278.017


 34, 43.593,
278.017

 64, 43.593,
278.017


 24, 43.593,
278.017

 74, 43.593,
278.017

 14, 43.593,
278.017

 84, 43.593,
278.017

 4, 43.593, 278.017

 94, 43.593,
278.017

 0, 43.593, 278.017

 44, 43.593,

 44, 43.593,

278.017

■ 41, 49.736,
281.883

■ 37, 56.032,
286.013

■ 35, 61.032,
289.139

278.017

■ 48, 37.548,
274.542

■ 51, 31.545,
271.501

■ 55, 25.544,
268.886

■ 59, 19.526,
266.660

■ 63, 13.487,
264.773

■ 67, 7.436, 263.182

■ 71, 1.384, 261.982

■ 75, 4.656, 80.532

■ 79, 10.669, 79.552

Harmonies

Complementary

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



44, 43.593, 278.017



55, 48.729, 71.666

Rectangle

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



44, 43.593, 278.017



44, 43.593, 328.017



44, 43.593, 98.017



44, 43.593, 148.017

Sweetspot

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



44, 43.592, 278.018



80, 16.544, 264.793



64, 51.575, 157.608



41, 11.103, 265.259



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 43.592, 278.018



51, 65.488, 284.447



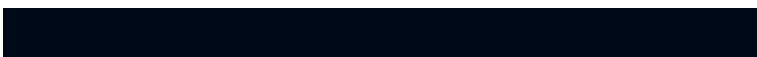
30, 78.930, 302.833



35, 3.391, 262.763



30, 53.717, 288.577



3, 7.752, 268.937

Inverse Universe

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



42, 55.333, 357.322



51, 75.229, 2.579



69, 62.982, 106.410



34, 4.469, 347.691



32, 56.952, 6.788



2, 8.855, 351.935

Previews

White Background



This preview shows how the CIE LCh color 44, 43.593, 278.017 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 44, 43.593, 278.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

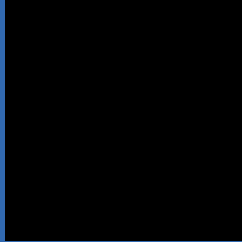
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 43.593, 278.017

Background



This preview shows how black text looks on a background with the CIELCh color 44, 43.593, 278.017.



This preview shows how white text looks on a background with the CIELCh color 44, 43.593, 278.017.

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


44, 43.593, 278.017

Protanopia

44, 42.734, 285.927

Deuteranopia

44, 44.073, 279.151



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 43.593, 278.017

Protanomaly
44, 43.023, 282.898

Deuteranomaly
44, 44.110, 278.945

Tritanomaly
43, 28.116, 241.274

Monochromacy



Original Color
44, 43.593, 278.017

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 16.972, 268.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 43.593, 278.017 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(49, 105, 176)` looks like.

```
.text, #text, p{  
    color:rgb(49, 105, 176)  
}
```

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(49, 105, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 105, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 43.593, 278.017 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(49, 105, 176) }
```

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

```
.border{ border-color:rgb(49, 105, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 105, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 105, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 105, 176);  
box-shadow:4px 4px 4px 4px rgb(49, 105,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 43.593, 278.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 105, 176) }
```

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

```
.background{ background-color: rgb(49, 105,  
176) }
```

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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