

Converting Colors

CIELCh(44, 57.243, 288.280)

Have a look what the booklet for
CIELCh(44, 57.243, 288.280)
contains.

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Color

CIELCh(44, 57.474, 288.516)

Conversions

Conversions Part 1

Format	Color
Hex	3A63C3
RGB	58, 99, 195
RGB Percent	23%, 39%, 76%
CMY	0.7710, 0.6107, 0.2341
CMYK	0.70, 0.49, 0.00, 0.23
HSL	222°, 54%, 50%
HSV	222°, 70%, 77%
XYZ	16.1387, 13.8382, 53.6297
YIQ	97.6850, -55.2520, 21.1640

Conversions

Conversions Part 2

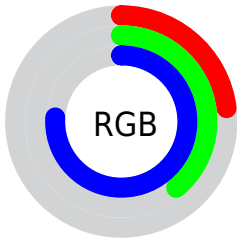
Format	Color
R_{YB}	58, 90, 195
Decimal	3826627
CIE _{Lab}	44.00, 18.25, -54.50
CIE _{LCh}	44, 57.474, 288.516
Yxy	13.8382, 0.1930, 0.1655
Android (android.graphics.Color)	4282016707 (0xFF3A63C3)
YUV	97.6850, 47.9763, -34.8037
Hunter-Lab	37.1997, 12.3408, -59.4367

Details

The CIELCh color **44, 57.474, 288.516** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **66, 54.334, 84.431**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 57.478, 288.634**, and **25, 56.710, 292.952** is the 20% darker color. If you saturate the color by 10%, you get **40, 66.560, 291.853**, and if you desaturate by 10%, it is **49, 48.634, 285.455**.

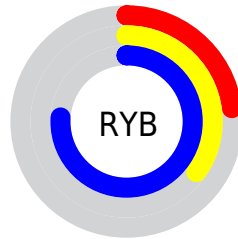
Distribution



Red (23%)

Green (39%)

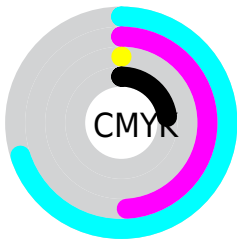
Blue (76%)



Red (23%)

Yellow (35%)

Blue (76%)

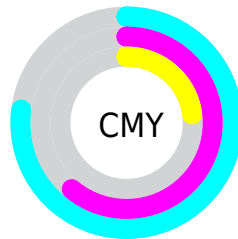


Cyan (70%)

Magenta (49%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (61%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 57.474, 288.516 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, 57.474, 288.516 by changing the saturation by 10% instead.


 44, 57.474,
288.516


 44, 57.474,
288.516


 100, 57.474,
288.516


 34, 57.474,
288.516

 64, 57.474,
288.516


 24, 57.474,
288.516

 74, 57.474,
288.516

 14, 57.474,
288.516

 84, 57.474,
288.516

 4, 57.474, 288.516

 94, 57.474,
288.516

 0, 57.474, 288.516

 44, 57.474,

 44, 57.474,

288.516

■ 40, 66.560,
291.853

■ 35, 75.774,
295.311

■ 32, 84.737,
298.560

288.516

■ 49, 48.634,
285.455

■ 54, 40.051,
282.737

■ 59, 31.697,
280.374

■ 64, 23.543,
278.343

■ 69, 15.564,
276.607

■ 74, 7.748, 275.130

■ 79, 0.084, 276.351

■ 84, 7.430, 92.685

■ 89, 14.798, 91.738

Harmonies

Complementary

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



44, 57.474, 288.516



66, 54.334, 84.431

Rectangle

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



44, 57.474, 288.516



44, 57.474, 338.516



44, 57.474, 108.516



44, 57.474, 158.516

Sweetspot

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



44, 57.474, 288.517



87, 20.217, 276.807



71, 47.284, 167.575



44, 13.722, 277.275



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 57.474, 288.517



49, 87.253, 293.663



36, 82.601, 305.218



38, 4.319, 275.031



26, 72.238, 298.062



3, 15.514, 281.374

Inverse Universe

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



46, 57.469, 7.987



56, 80.757, 13.964



75, 68.038, 113.865



38, 4.515, 356.888



33, 61.900, 20.582



3, 14.609, 3.554

Previews

White Background



This preview shows how the CIELCh color 44, 57.474, 288.516 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 44, 57.474, 288.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

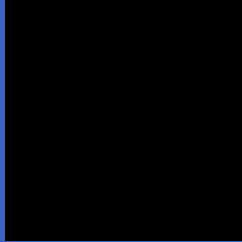
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 57.474, 288.516

Background



This preview shows how black text looks on a background with the CIELCh color 44, 57.474, 288.516.



This preview shows how white text looks on a background with the CIELCh color 44, 57.474, 288.516.

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, 57.474, 288.516

Protanopia

44, 57.592, 287.052

Deuteranopia

44, 49.441, 276.329



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 57.474, 288.516

Protanomaly
44, 57.527, 287.479

Deuteranomaly
44, 51.907, 279.822

Tritanomaly
43, 30.739, 252.034

Monochromacy



Original Color
44, 57.474, 288.516

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 21.529, 280.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 57.474, 288.516 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(58, 99, 195)` looks like.

```
.text, #text, p{  
    color:rgb(58, 99, 195)  
}
```

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(58, 99, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 99, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 57.474, 288.516 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(58, 99, 195) }
```

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

```
.border{ border-color:rgb(58, 99, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 99, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 99, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 99, 195);  
box-shadow:4px 4px 4px 4px rgb(58, 99,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 57.474, 288.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 99, 195) }
```

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

```
.background{ background-color: rgb(58, 99,  
195) }
```

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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