

Converting Colors

CIELCh(43, 64.299, 287.313)

Have a look what the booklet for
CIELCh(43, 64.299, 287.313)
contains.

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Color

CIELCh(43, 64.388, 287.428)

Conversions

Conversions Part 1

Format	Color
Hex	1561CC
RGB	21, 97, 204
RGB Percent	8%, 38%, 80%
CMY	0.9166, 0.6182, 0.1983
CMYK	0.90, 0.52, 0.00, 0.20
HSL	215°, 81%, 44%
HSV	215°, 90%, 80%
XYZ	15.5723, 13.1578, 59.1129
YIQ	86.4740, -79.6430, 17.1650

Conversions

Conversions Part 2

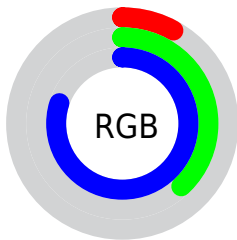
Format	Color
R_{YB}	21, 75, 204
Decimal	1401292
CIE _{Lab}	43.00, 19.28, -61.43
CIE _{LCh}	43, 64.388, 287.428
Yxy	13.1578, 0.1773, 0.1498
Android (android.graphics.Color)	4279591372 (0xFF1561CC)
YUV	86.4740, 57.9403, -57.4207
Hunter-Lab	36.2736, 13.1514, -71.2297

Details

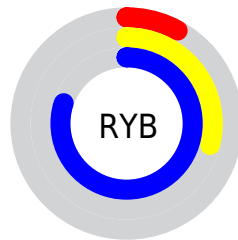
The CIELCh color **43, 64.388, 287.428** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **60, 66.332, 70.470**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 60.679, 286.368**, and **26, 62.752, 295.051** is the 20% darker color. If you saturate the color by 10%, you get **39, 72.151, 291.448**, and if you desaturate by 10%, it is **47, 56.817, 283.409**.

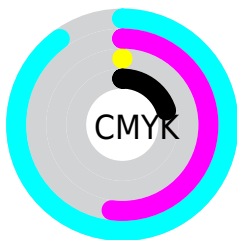
Distribution



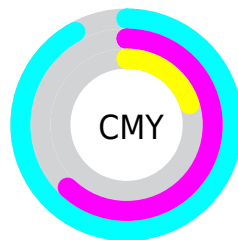
- Red (8%)
- Green (38%)
- Blue (80%)



- Red (8%)
- Yellow (29%)
- Blue (80%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (20%)




- Cyan (92%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 64.388, 287.428 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, 64.388, 287.428 by changing the saturation by 10% instead.

 43, 64.388,
287.428

 43, 64.388,
287.428


 100, 64.388,
287.428

 33, 64.388,
287.428

 63, 64.388,
287.428

 23, 64.388,
287.428

 73, 64.388,
287.428

 13, 64.388,
287.428


 83, 64.388,
287.428

 3, 64.388, 287.428

 93, 64.388,
287.428

 0, 64.388, 287.428

 43, 64.388,

 43, 64.388,

287.428

287.428

■ 39, 72.151,
291.448

■ 47, 56.817,
283.409

■ 39, 72.469,
291.599

■ 51, 49.438,
279.657

■ 55, 42.201,
276.291

■ 59, 35.049,
273.351

■ 64, 27.942,
270.825

■ 69, 20.856,
268.674

■ 73, 13.787,
266.850

■ 78, 6.740, 265.314

Harmonies

Complementary

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



43, 64.388, 287.428



60, 66.332, 70.470

Rectangle

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



43, 64.388, 287.428



43, 64.388, 337.428



43, 64.388, 107.428



43, 64.388, 157.428

Sweetspot

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



43, 64.388, 287.430



85, 22.759, 268.237



73, 64.919, 155.902



43, 15.343, 268.916



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 64.388, 287.430



49, 86.790, 292.145



28, 107.023, 305.847



41, 3.978, 265.286



32, 61.031, 290.956



5, 16.735, 277.578

Inverse Universe

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



45, 69.357, 5.684



54, 84.754, 11.297



79, 80.045, 107.791



40, 5.030, 349.263



35, 61.256, 9.714



4, 19.197, 358.643

Previews

White Background



This preview shows how the CIE LCh color 43, 64.388, 287.428 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, 64.388, 287.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

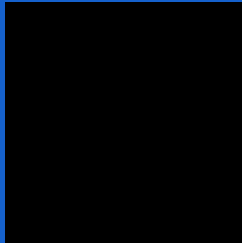
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 64.388, 287.428

Background



This preview shows how black text looks on a background with the CIELCh color 43, 64.388, 287.428.



This preview shows how white text looks on a background with the CIELCh color 43, 64.388, 287.428.

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, 64.378, 287.480

Protanopia

43, 64.358, 287.590

Deuteranopia

43, 47.399, 275.485



Tritanopia
43, 26.488, 205.875

Trichromacy



Original Color
43, 64.378, 287.480

Protanomaly
43, 64.368, 287.534

Deuteranomaly
43, 53.248, 280.570

Tritanomaly
42, 31.839, 253.326

Monochromacy



Original Color
43, 64.378, 287.480

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 25.091, 273.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 64.388, 287.428 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(21, 97, 204)` looks like.

```
.text, #text, p{  
    color:rgb(21, 97, 204)  
}
```

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(21, 97, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 97, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 64.388, 287.428 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(21, 97, 204) }
```

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

```
.border{ border-color:rgb(21, 97, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 97, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 97, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 97, 204);  
box-shadow:4px 4px 4px 4px rgb(21, 97,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 64.388, 287.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 97, 204) }
```

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

```
.background{ background-color: rgb(21, 97,  
204) }
```

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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