

Converting Colors

CIELCh(43, 71.110, 297.312)

Have a look what the booklet for
CIELCh(43, 71.110, 297.312)
contains.

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Color

CIELCh(43, 71.446, 297.455)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4E58D0 |
| RGB | 78, 88, 208 |
| RGB Percent | 31%, 35%, 82% |
| CMY | 0.6940, 0.6548, 0.1842 |
| CMYK | 0.62, 0.58, 0.00, 0.18 |
| HSL | 235°, 58%, 56% |
| HSV | 235°, 62%, 82% |
| XYZ | 18.0224, 13.1578, 61.2768 |
| YIQ | 98.6900, -44.4800, 35.2000 |

Conversions

Conversions Part 2

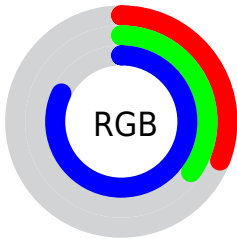
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 87, 208 |
| Decimal | 5134544 |
| CIE _{Lab} | 43.00, 32.94, -63.40 |
| CIE _{LCh} | 43, 71.446, 297.455 |
| Yxy | 13.1578, 0.1949, 0.1423 |
| Android (android.graphics.Color) | 4283324624 (0xFF4E58D0) |
| YUV | 98.6900, 53.8898, -18.1451 |
| Hunter-Lab | 36.2736, 25.2079, -74.7666 |

Details

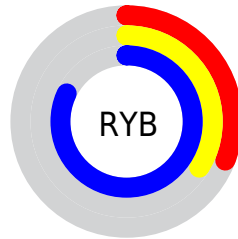
The CIELCh color **43, 71.446, 297.455** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **79, 60.499, 100.505**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 65.405, 296.977**, and **24, 71.187, 298.771** is the 20% darker color. If you saturate the color by 10%, you get **37, 84.089, 299.939**, and if you desaturate by 10%, it is **49, 58.888, 295.113**.

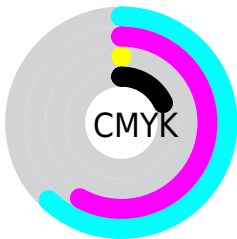
Distribution



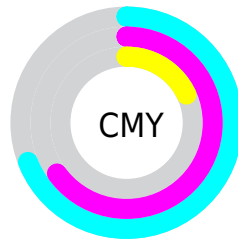
- Red (31%)
- Green (35%)
- Blue (82%)



- Red (31%)
- Yellow (34%)
- Blue (82%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (18%)





- Cyan (69%)
- Magenta (65%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 71.446, 297.455 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, 71.446, 297.455 by changing the saturation by 10% instead.


 43, 71.446,
297.455


 43, 71.446,
297.455


 100, 71.446,
297.455


 33, 71.446,
297.455

 63, 71.446,
297.455


 23, 71.446,
297.455

 73, 71.446,
297.455

 13, 71.446,
297.455

 83, 71.446,
297.455

 3, 71.446, 297.455

 93, 71.446,
297.455

 0, 71.446, 297.455

 43, 71.446,

 43, 71.446,

297.455

■ 37, 84.089,
299.939

■ 32, 96.075,
302.352

■ 28, 106.056,
304.386

■ 27, 111.307,
305.441

297.455

■ 49, 58.888,
295.113

■ 56, 46.715,
293.015

■ 62, 35.009,
291.191


■ 69, 23.765,
289.627

■ 75, 12.955,
288.298

■ 82, 2.543, 287.195

■ 88, 7.500, 106.175

■ 95, 17.202,
105.353

 99, 23.722,
108.379

Harmonies

Complementary

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



43, 71.446, 297.455



79, 60.499, 100.505

Rectangle

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



43, 71.446, 297.455



43, 71.446, 347.455



43, 71.446, 117.455



43, 71.446, 167.455

Sweetspot

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



43, 71.446, 297.456



85, 23.540, 289.169



77, 38.154, 187.797



43, 16.290, 289.574



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, 71.446, 297.456



44, 102.937, 300.780



46, 76.926, 309.842



41, 5.878, 287.932



21, 94.388, 305.239



2, 24.188, 291.381

Inverse Universe

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



51, 56.440, 22.764



58, 80.232, 27.410



78, 68.428, 123.302



41, 4.475, 13.718



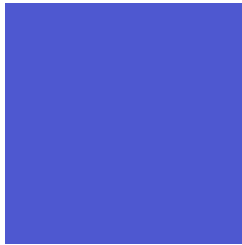
35, 73.359, 36.665



4, 20.037, 15.886

Previews

White Background



This preview shows how the CIE LCh color 43, 71.446, 297.455 looks on a white background.

Color Contrast Check

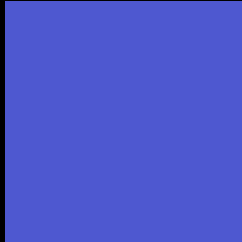
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 71.446, 297.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

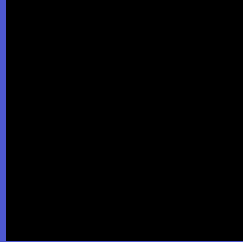
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 71.446, 297.455

Background



This preview shows how black text looks on a background with the CIELCh color 43, 71.446, 297.455.

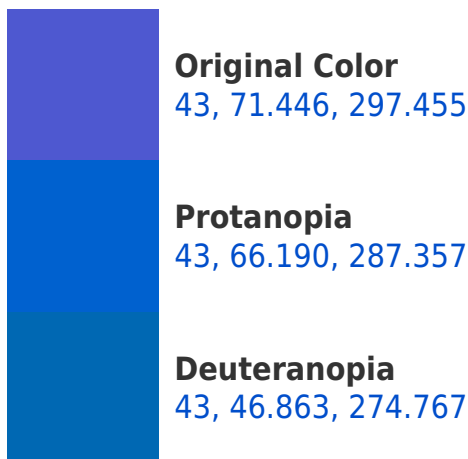


This preview shows how white text looks on a background with the CIELCh color 43, 71.446, 297.455.

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





Tritanopia
43, 23.735, 211.837

Trichromacy



Original Color
43, 71.446, 297.455

Protanomaly
42, 67.868, 289.714

Deuteranomaly
42, 55.886, 284.100

Tritanomaly
42, 32.656, 267.437

Monochromacy



Original Color
43, 71.446, 297.455

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 26.641, 291.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 71.446, 297.455 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(78, 88, 208)` looks like.

```
.text, #text, p{  
    color:rgb(78, 88, 208)  
}
```

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(78, 88, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 88, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 71.446, 297.455 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(78, 88, 208) }
```

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

```
.border{ border-color:rgb(78, 88, 208) }
```

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

Here you see how a box with a 4 pixel rgb(78, 88, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 88, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 88, 208);  
box-shadow:4px 4px 4px 4px rgb(78, 88,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 71.446, 297.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 88, 208) }
```

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

```
.background{ background-color: rgb(78, 88,  
208) }
```

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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