

Converting Colors

CIELCh(43, 40.944, 289.292)

Have a look what the booklet for
CIELCh(43, 40.944, 289.292)
contains.

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Color

CIELCh(43, 40.879, 289.226)

Conversions

Conversions Part 1

Format	Color
Hex	5262A5
RGB	82, 98, 165
RGB Percent	32%, 38%, 65%
CMY	0.6804, 0.6174, 0.3510
CMYK	0.51, 0.41, 0.00, 0.35
HSL	229°, 34%, 48%
HSV	229°, 51%, 65%
XYZ	14.5990, 13.1578, 37.6061
YIQ	100.8540, -31.0430, 17.4450

Conversions

Conversions Part 2

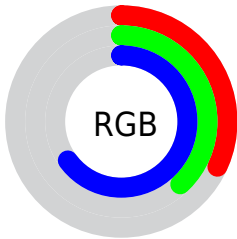
Format	Color
R_{YB}	82, 95, 165
Decimal	5399205
CIE _{Lab}	43.00, 13.46, -38.60
CIE _{LCh}	43, 40.879, 289.226
Yxy	13.1578, 0.2234, 0.2013
Android (android.graphics.Color)	4283589285 (0xFF5262A5)
YUV	100.8540, 31.6240, -16.5350
Hunter-Lab	36.2736, 8.3616, -36.0764

Details

The CIELCh color $43, 40.879, 289.226$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 37.895, 95.039$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 40.312, 289.200$, and $23, 40.561, 289.135$ is the 20% darker color. If you saturate the color by 10%, you get $38, 49.783, 291.696$, and if you desaturate by 10%, it is $48, 32.279, 287.060$.

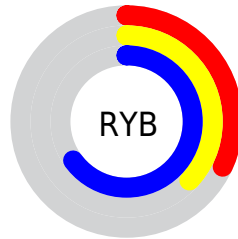
Distribution



Red (32%)

Green (38%)

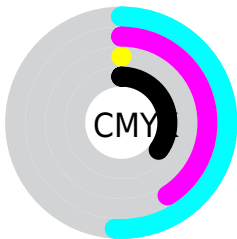
Blue (65%)



Red (32%)

Yellow (37%)

Blue (65%)

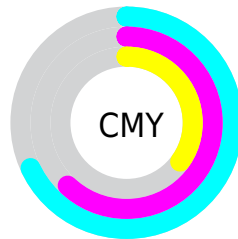


Cyan (51%)

Magenta (41%)

Yellow (0%)

Black (35%)



Cyan (68%)


Magenta (62%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 40.879, 289.226 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, 40.879, 289.226 by changing the saturation by 10% instead.


 43, 40.879,
289.226


 43, 40.879,
289.226


 100, 40.879,
289.226

 33, 40.879,
289.226

 63, 40.879,
289.226

 23, 40.879,
289.226

 73, 40.879,
289.226

 13, 40.879,
289.226

 83, 40.879,
289.226

 3, 40.879, 289.226

 93, 40.879,
289.226

 0, 40.879, 289.226

 43, 40.879,

 43, 40.879,

289.226

289.226

■ 38, 49.783,
291.696

■ 48, 32.279,
287.060

■ 34, 58.964,
294.433

■ 53, 23.972,
285.189

■ 29, 68.271,
297.333

■ 58, 15.933,
283.584

■ 26, 77.321,
300.201

■ 63, 8.138, 282.214

■ 23, 84.894,
302.515

■ 68, 0.570, 281.246

■ 72, 6.786, 99.974

■ 77, 13.943, 99.100

■ 82, 20.910, 98.332

■ 87, 27.695, 97.657

Harmonies

Complementary

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



43, 40.879, 289.226



62, 37.895, 95.039

Rectangle

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



43, 40.879, 289.226



43, 40.879, 339.226



43, 40.879, 109.226



43, 40.879, 159.226

Sweetspot

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



43, 40.878, 289.227



77, 14.092, 282.805



63, 29.726, 178.284



39, 9.625, 283.081



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, 40.878, 289.227



49, 61.805, 292.051



41, 51.417, 305.590



32, 4.224, 282.028



20, 76.462, 302.232



1, 6.626, 281.973

Inverse Universe

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



45, 36.905, 10.863



54, 54.898, 13.719



64, 46.049, 118.996



32, 3.742, 4.707



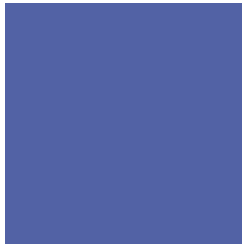
30, 60.883, 28.978



1, 5.652, 5.321

Previews

White Background



This preview shows how the CIE LCh color 43, 40.879, 289.226 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, 40.879, 289.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

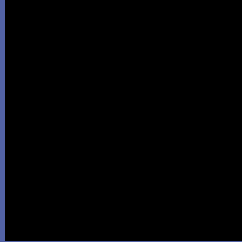
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 40.879, 289.226

Background



This preview shows how black text looks on a background with the CIELCh color 43, 40.879, 289.226.



This preview shows how white text looks on a background with the CIELCh color 43, 40.879, 289.226.

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, 40.296, 289.030

Protanopia

43, 41.073, 285.973

Deuteranopia

43, 38.627, 279.541



Tritanopia
43, 15.417, 218.610

Trichromacy



Original Color
43, 40.296, 289.030

Protanomaly
43, 41.013, 287.424

Deuteranomaly
43, 39.474, 283.352

Tritanomaly
43, 20.930, 262.686

Monochromacy



Original Color
43, 40.296, 289.030

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 15.194, 283.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 40.879, 289.226 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(82, 98, 165)` looks like.

```
.text, #text, p{  
    color:rgb(82, 98, 165)  
}
```

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(82, 98, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 98, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 40.879, 289.226 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(82, 98, 165) }
```

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

```
.border{ border-color:rgb(82, 98, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 98, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 98, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 98, 165);  
box-shadow:4px 4px 4px 4px rgb(82, 98,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 40.879, 289.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 98, 165) }
```

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

```
.background{ background-color: rgb(82, 98,  
165) }
```

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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