

Converting Colors

CIELCh(43, 35.640, 309.545)

Have a look what the booklet for
CIELCh(43, 35.640, 309.545)
contains.

CIELCh(43, 35.587, 309.531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 35.587, 309.531)

Conversions

Conversions Part 1

Format	Color
Hex	745A93
RGB	116, 90, 147
RGB Percent	45%, 35%, 58%
CMY	0.5447, 0.6467, 0.4231
CMYK	0.21, 0.39, 0.00, 0.42
HSL	267°, 24%, 47%
HSV	267°, 39%, 58%
XYZ	16.1542, 13.1578, 29.3341
YIQ	104.2720, -2.8010, 23.2390

Conversions

Conversions Part 2

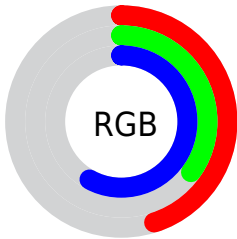
Format	Color
R _Y B	116, 90, 147
Decimal	7625363
CIE Lab	43.00, 22.65, -27.45
CIE LCh	43, 35.587, 309.531
Yxy	13.1578, 0.2755, 0.2244
Android (android.graphics.Color)	4285815443 (0xFF745A93)
YUV	104.2720, 21.0649, 10.2855
Hunter-Lab	36.2736, 16.0149, -22.5556

Details

The CIELCh color **43, 35.587, 309.531** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **58, 33.522, 125.709**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 35.728, 309.727**, and **23, 35.322, 309.286** is the 20% darker color. If you saturate the color by 10%, you get **39, 45.152, 310.115**, and if you desaturate by 10%, it is **48, 26.095, 308.957**.

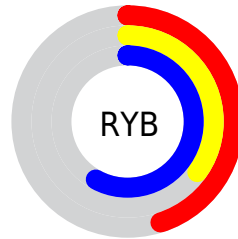
Distribution



Red (45%)

Green (35%)

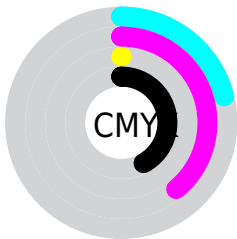
Blue (58%)



Red (45%)

Yellow (35%)

Blue (58%)

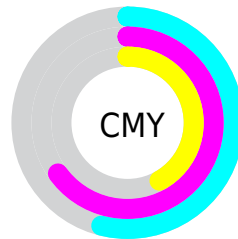


Cyan (21%)

Magenta (39%)

Yellow (0%)

Black (42%)



Cyan (54%)


Magenta (65%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 35.587, 309.531 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, 35.587, 309.531 by changing the saturation by 10% instead.


 43, 35.587,
309.531


 43, 35.587,
309.531


 100, 35.587,
309.531


 33, 35.587,
309.531

 63, 35.587,
309.531


 23, 35.587,
309.531

 73, 35.587,
309.531

 13, 35.587,
309.531

 83, 35.587,
309.531

 3, 35.587, 309.531

 93, 35.587,
309.531

 0, 35.587, 309.531

 43, 35.587,

 43, 35.587,

309.531

309.531

■ 39, 45.152,
310.115

■ 48, 26.095,
308.957

■ 34, 54.598,
310.672

■ 52, 16.790,
308.414

■ 30, 63.594,
311.142

■ 57, 7.725, 307.910

■ 27, 71.641,
311.436

■ 62, 1.075, 127.546

■ 66, 9.604, 127.076

■ 24, 78.092,
311.441

■ 71, 17.867,
126.715

■ 22, 82.815,
311.167

■ 75, 25.871,
126.401

■ 21, 83.415,
311.148

■ 80, 33.629,
126.127

■ 85, 41.154,

Harmonies

Complementary

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



43, 35.587, 309.531



58, 33.522, 125.709

Rectangle

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



43, 35.587, 309.531



43, 35.587, 359.531



43, 35.587, 129.531



43, 35.587, 179.531

Sweetspot

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



43, 35.586, 309.531



70, 13.184, 308.081



50, 17.995, 255.934



36, 8.829, 308.139



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 35.586, 309.531



51, 53.889, 310.070



46, 38.856, 324.996



29, 5.011, 307.932



20, 79.444, 311.215



0, 4.328, 307.520

Inverse Universe

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



46, 29.029, 344.852



55, 43.275, 345.946



56, 38.771, 140.502



29, 4.191, 342.033



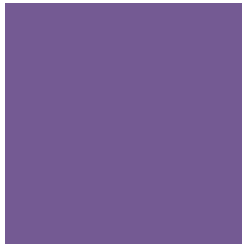
29, 54.312, 356.920



1, 3.629, 341.359

Previews

White Background



This preview shows how the CIELCh color 43, 35.587, 309.531 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, 35.587, 309.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

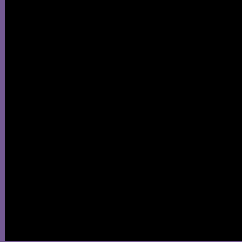
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 35.587, 309.531

Background



This preview shows how black text looks on a background with the CIELCh color 43, 35.587, 309.531.



This preview shows how white text looks on a background with the CIELCh color 43, 35.587, 309.531.

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, 35.587, 309.531

Protanopia

43, 33.256, 285.170

Deuteranopia

43, 26.742, 282.596



Tritanopia
43, 5.916, 334.839

Trichromacy



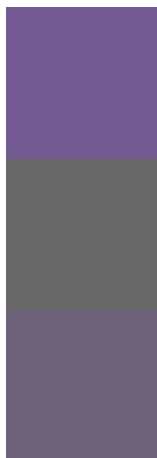
Original Color
43, 35.587, 309.531

Protanomaly
43, 33.723, 293.762

Deuteranomaly
43, 29.511, 293.649

Tritanomaly
43, 16.377, 314.638

Monochromacy



Original Color
43, 35.587, 309.531

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 13.169, 307.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 35.587, 309.531 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(116, 90, 147)` looks like.

```
.text, #text, p{  
    color:rgb(116, 90, 147)  
}
```

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(116, 90, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 90, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 35.587, 309.531 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(116, 90, 147) }
```

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

```
.border{ border-color:rgb(116, 90, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 90, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 90, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 90, 147);  
box-shadow:4px 4px 4px 4px rgb(116, 90,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 35.587, 309.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 90, 147) }
```

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

```
.background{ background-color: rgb(116, 90,  
147) }
```

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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