

Converting Colors

CIELCh(43, 53.368, 299.286)

Have a look what the booklet for
CIELCh(43, 53.368, 299.286)
contains.

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Color

CIELCh(43, 53.449, 299.329)

Conversions

Conversions Part 1

Format	Color
Hex	615AB3
RGB	97, 90, 179
RGB Percent	38%, 35%, 70%
CMY	0.6188, 0.6464, 0.2972
CMYK	0.46, 0.50, 0.00, 0.30
HSL	245°, 37%, 53%
HSV	245°, 50%, 70%
XYZ	16.7797, 13.1578, 44.4107
YIQ	102.2390, -24.3970, 29.1630

Conversions

Conversions Part 2

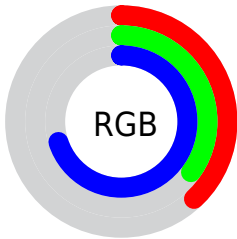
Format	Color
R_{YB}	97, 90, 179
Decimal	6380211
CIE _{Lab}	43.00, 26.18, -46.60
CIE _{LCh}	43, 53.449, 299.329
Yxy	13.1578, 0.2257, 0.1770
Android (android.graphics.Color)	4284570291 (0xFF615AB3)
YUV	102.2390, 37.8432, -4.5946
Hunter-Lab	36.2736, 19.0930, -47.1987

Details

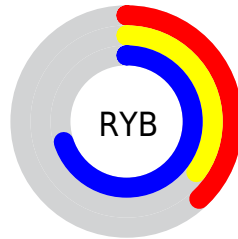
The CIELCh color $43, 53.449, 299.329$ is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be $71, 46.795, 109.215$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 53.364, 299.390$, and $23, 53.895, 299.513$ is the 20% darker color. If you saturate the color by 10%, you get $37, 65.312, 301.056$, and if you desaturate by 10%, it is $49, 41.856, 297.757$.

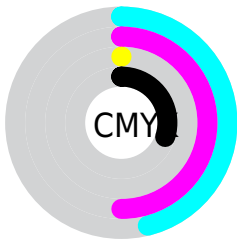
Distribution



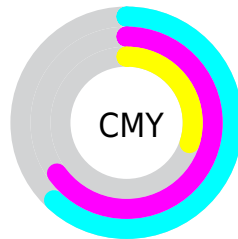
- Red (38%)
- Green (35%)
- Blue (70%)



- Red (38%)
- Yellow (35%)
- Blue (70%)



- Cyan (46%)
- Magenta (50%)
- Yellow (0%)
- Black (30%)





- Cyan (62%)
- Magenta (65%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.449, 299.329 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, 53.449, 299.329 by changing the saturation by 10% instead.


 43, 53.449,
299.329


 43, 53.449,
299.329


 100, 53.449,
299.329


 33, 53.449,
299.329

 63, 53.449,
299.329


 23, 53.449,
299.329

 73, 53.449,
299.329

 13, 53.449,
299.329

 83, 53.449,
299.329

 3, 53.449, 299.329

 93, 53.449,
299.329

 0, 53.449, 299.329

 43, 53.449,

 43, 53.449,

299.329

■ 37, 65.312,
301.056

■ 32, 77.078,
302.840

■ 27, 87.944,
304.495

■ 24, 96.558,
305.748

■ 21, 102.105,
306.509

■ 21, 102.273,
306.537

299.329

■ 49, 41.856,
297.757

■ 55, 30.673,
296.370

■ 61, 19.927,
295.170

■ 67, 9.610, 294.140

■ 73, 0.305, 113.152

■ 79, 9.844, 112.499

■ 85, 19.034,
111.855

■ 91, 27.900,
111.303

■ 97, 36.463,

Harmonies

Complementary

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



43, 53.449, 299.329



71, 46.795, 109.215

Rectangle

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



43, 53.449, 299.329



43, 53.449, 349.329



43, 53.449, 119.329



43, 53.449, 169.329

Sweetspot

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



43, 53.448, 299.330



81, 18.577, 294.694



66, 25.953, 204.705



42, 12.829, 294.914



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 53.448, 299.330



48, 81.170, 301.293



47, 54.606, 313.627



35, 5.602, 294.106



17, 90.952, 306.583



1, 13.336, 292.576

Inverse Universe

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



52, 55.148, 329.423



62, 79.562, 330.001



68, 51.430, 129.094



35, 6.396, 327.143



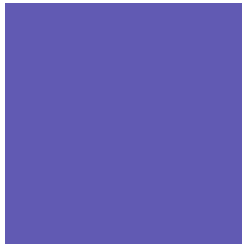
35, 74.254, 331.592



3, 14.991, 327.818

Previews

White Background



This preview shows how the CIELCh color 43, 53.449, 299.329 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, 53.449, 299.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

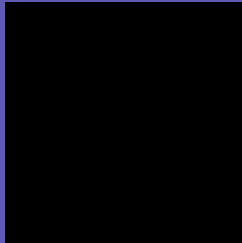
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.449, 299.329

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.449, 299.329.



This preview shows how white text looks on a background with the CIELCh color 43, 53.449, 299.329.

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, 10.647, 225.457

Trichromacy



Original Color
43, 53.449, 299.329

Protanomaly
43, 54.009, 291.051

Deuteranomaly
43, 47.810, 285.571

Tritanomaly
43, 23.199, 281.636

Monochromacy



Original Color
43, 53.449, 299.329

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 19.335, 295.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.449, 299.329 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(97, 90, 179)` looks like.

```
.text, #text, p{  
    color:rgb(97, 90, 179)  
}
```

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(97, 90, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 90, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.449, 299.329 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(97, 90, 179) }
```

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

```
.border{ border-color:rgb(97, 90, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 90, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 90, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 90, 179);  
box-shadow:4px 4px 4px 4px rgb(97, 90,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.449, 299.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 90, 179) }
```

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

```
.background{ background-color: rgb(97, 90,  
179) }
```

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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