

Converting Colors

CIELCh(43, 29.218, 301.025)

Have a look what the booklet for
CIELCh(43, 29.218, 301.025)
contains.

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Color

CIELCh(43, 29.218, 301.025)

Conversions

Conversions Part 1

Format	Color
Hex	695F8F
RGB	105, 95, 143
RGB Percent	41%, 37%, 56%
CMY	0.5884, 0.6276, 0.4394
CMYK	0.27, 0.34, 0.00, 0.44
HSL	252°, 20%, 47%
HSV	252°, 34%, 56%
XYZ	14.8619, 13.1578, 27.7230
YIQ	103.4620, -9.4480, 17.0480

Conversions

Conversions Part 2

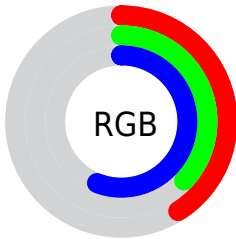
Format	Color
R_{YB}	105, 95, 143
Decimal	6905743
CIE _{Lab}	43.00, 15.06, -25.04
CIE _{LCh}	43, 29.218, 301.025
Yxy	13.1578, 0.2666, 0.2360
Android (android.graphics.Color)	4285095823 (0xFF695F8F)
YUV	103.4620, 19.4922, 1.3488
Hunter-Lab	36.2736, 9.6555, -19.9223

Details

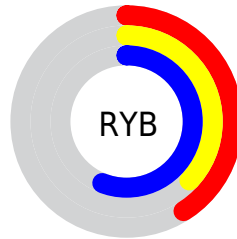
The CIELCh color $43, 29.218, 301.025$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57, 27.151, 116.114$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 29.534, 301.172$, and $23, 28.820, 300.821$ is the 20% darker color. If you saturate the color by 10%, you get $38, 38.592, 302.075$, and if you desaturate by 10%, it is $48, 20.142, 300.087$.

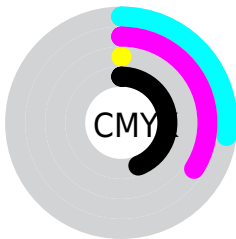
Distribution



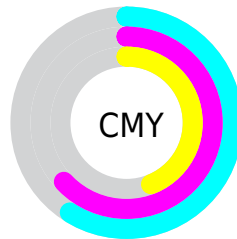
- Red (41%)
- Green (37%)
- Blue (56%)



- Red (41%)
- Yellow (37%)
- Blue (56%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)





- Cyan (59%)
- Magenta (63%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 29.218, 301.025 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, 29.218, 301.025 by changing the saturation by 10% instead.


 43, 29.218,
301.025


 43, 29.218,
301.025


 100, 29.218,
301.025


 33, 29.218,
301.025

 63, 29.218,
301.025


 23, 29.218,
301.025

 73, 29.218,
301.025

 13, 29.218,
301.025

 83, 29.218,
301.025

 3, 29.218, 301.025

 93, 29.218,
301.025

 0, 29.218, 301.025

 43, 29.218,

 43, 29.218,

301.025

■ 38, 38.592,
302.075

■ 33, 48.193,
303.222

■ 29, 57.843,
304.421

■ 25, 67.167,
305.581

■ 21, 75.493,
306.550

■ 18, 81.858,
307.124

■ 17, 85.384,
307.476

301.025

■ 48, 20.142,
300.087

■ 53, 11.387,
299.263

■ 58, 2.949, 298.542

■ 62, 5.184, 117.926

■ 67, 13.029,
117.386

■ 72, 20.604,
116.921

■ 77, 27.925,
116.521

■ 82, 35.010,
116.175

■ 86, 41.873,
115.877

Harmonies

Complementary

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



43, 29.218, 301.025



57, 27.151, 116.114

Rectangle

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



43, 29.218, 301.025



43, 29.218, 351.025



43, 29.218, 121.025



43, 29.218, 171.025

Sweetspot

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



43, 29.217, 301.025



70, 10.342, 299.010



53, 14.380, 221.068



36, 7.127, 299.103



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 29.217, 301.025



51, 43.738, 301.778



45, 31.191, 317.129



28, 4.695, 298.934



16, 81.927, 307.514



0, 3.122, 298.311

Inverse Universe

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



47, 29.007, 332.944



57, 42.623, 333.442



56, 30.441, 134.158



28, 4.852, 331.346



30, 61.604, 338.342



1, 3.256, 330.817

Previews

White Background



This preview shows how the CIELCh color 43, 29.218, 301.025 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, 29.218, 301.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

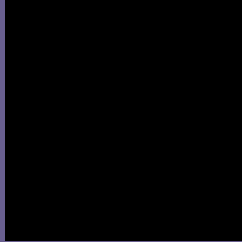
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 29.218, 301.025

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.218, 301.025.

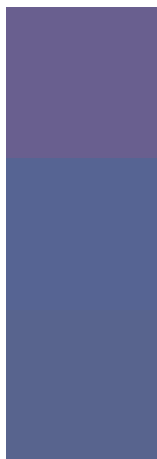


This preview shows how white text looks on a background with the CIELCh color 43, 29.218, 301.025.

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, 29.218, 301.025

Protanopia

43, 28.445, 284.941

Deuteranopia

43, 25.440, 284.655



Tritanopia
43, 4.935, 276.889

Trichromacy



Original Color
43, 29.218, 301.025

Protanomaly
43, 28.894, 290.920

Deuteranomaly
43, 26.504, 290.967

Tritanomaly
43, 13.907, 295.299

Monochromacy



Original Color
43, 29.218, 301.025

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 10.976, 299.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.218, 301.025 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(105, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(105, 95, 143)  
}
```

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(105, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 95, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.218, 301.025 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(105, 95, 143) }
```

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

```
.border{ border-color:rgb(105, 95, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 95, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 95, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 95, 143);  
box-shadow:4px 4px 4px 4px rgb(105, 95,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.218, 301.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 95, 143) }
```

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

```
.background{ background-color: rgb(105, 95,  
143) }
```

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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