

Converting Colors

CIELCh(43, 23.508, 305.079)

Have a look what the booklet for
CIELCh(43, 23.508, 305.079)
contains.

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Color

CIELCh(43, 23.508, 305.079)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6C5F85 |
| RGB | 108, 95, 133 |
| RGB Percent | 42%, 37%, 52% |
| CMY | 0.5751, 0.6261, 0.4770 |
| CMYK | 0.19, 0.29, 0.00, 0.48 |
| HSL | 261°, 17%, 45% |
| HSV | 261°, 29%, 52% |
| XYZ | 14.6070, 13.1578, 24.0890 |
| YIQ | 103.2190, -4.4500, 14.5740 |

Conversions

Conversions Part 2

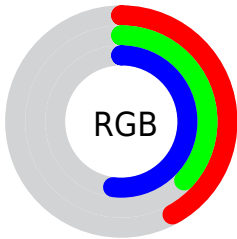
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 108, 95, 133 |
| Decimal | 7102341 |
| CIE _{Lab} | 43.00, 13.51, -19.24 |
| CIE _{LCh} | 43, 23.508, 305.079 |
| Yxy | 13.1578, 0.2817, 0.2537 |
| Android (android.graphics.Color) | 4285292421 (0xFF6C5F85) |
| YUV | 103.2190, 14.6820, 4.1929 |
| Hunter-Lab | 36.2736, 8.4010, -13.9824 |

Details

The CIELCh color $43, 23.508, 305.079$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 22.327, 121.880$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 23.700, 305.504$, and $23, 23.169, 305.217$ is the 20% darker color. If you saturate the color by 10%, you get $39, 32.230, 305.804$, and if you desaturate by 10%, it is $47, 15.019, 304.417$.

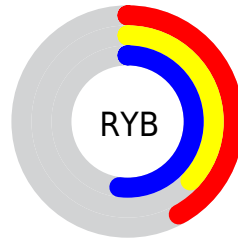
Distribution



Red (42%)

Green (37%)

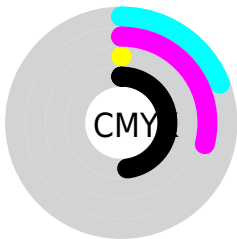
Blue (52%)



Red (42%)

Yellow (37%)

Blue (52%)

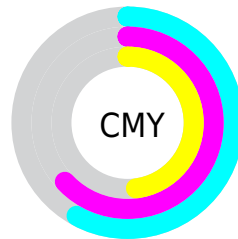


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (58%)


Magenta (63%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.508, 305.079 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, 23.508, 305.079 by changing the saturation by 10% instead.


 43, 23.508,
305.079


 43, 23.508,
305.079


 100, 23.508,
305.079


 33, 23.508,
305.079

 63, 23.508,
305.079


 23, 23.508,
305.079

 73, 23.508,
305.079

 13, 23.508,
305.079

 83, 23.508,
305.079

 3, 23.508, 305.079

 93, 23.508,
305.079

 0, 23.508, 305.079

 43, 23.508,

 43, 23.508,

305.079

■ 39, 32.230,
305.804

■ 34, 41.121,
306.577

■ 30, 50.041,
307.367

■ 26, 58.726,
308.114

■ 23, 66.729,
308.722

■ 20, 73.391,
309.056

■ 17, 78.567,
309.143

■ 17, 79.374,
309.186

305.079

■ 47, 15.019,
304.417

■ 52, 6.795, 303.821

■ 56, 1.161, 123.345

■ 61, 8.854, 122.849

■ 65, 16.293,
122.445

■ 70, 23.491,
122.095

■ 74, 30.462,
121.792

■ 78, 37.219,
121.530

■ 82, 43.774,

Harmonies

Complementary

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



43, 23.508, 305.079



54, 22.327, 121.880

Rectangle

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



43, 23.508, 305.079



43, 23.508, 355.079



43, 23.508, 125.079



43, 23.508, 175.079

Sweetspot

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



43, 23.507, 305.079



66, 8.915, 303.861



49, 11.605, 238.755



33, 6.181, 303.933



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 23.507, 305.079



52, 35.073, 305.525



45, 25.736, 321.045



26, 4.486, 303.856



16, 77.923, 309.210



0, 1.060, 303.376

Inverse Universe

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



45, 21.256, 338.119



55, 31.382, 338.641



52, 25.476, 138.311



26, 4.145, 336.630



28, 54.916, 347.339



0, 0.985, 336.041

Previews

White Background



This preview shows how the CIELCh color 43, 23.508, 305.079 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, 23.508, 305.079 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, 23.508, 305.079

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.508, 305.079.



This preview shows how white text looks on a background with the CIELCh color 43, 23.508, 305.079.

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, 23.508, 305.079

Protanopia

43, 22.384, 285.337

Deuteranopia

43, 19.295, 287.591



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color
43, 23.508, 305.079

Protanomaly
43, 22.905, 292.540

Deuteranomaly
43, 20.533, 295.108

Tritanomaly
43, 11.931, 307.044

Monochromacy



Original Color
43, 23.508, 305.079

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.675, 304.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.508, 305.079 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(108, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(108, 95, 133)  
}
```

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(108, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 95, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.508, 305.079 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(108, 95, 133) }
```

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

```
.border{ border-color:rgb(108, 95, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 95, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 95, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 95, 133);  
box-shadow:4px 4px 4px 4px rgb(108, 95,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.508, 305.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 95, 133) }
```

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

```
.background{ background-color: rgb(108, 95,  
133) }
```

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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