

Converting Colors

CIELCh(43, 23.791, 317.933)

Have a look what the booklet for
CIELCh(43, 23.791, 317.933)
contains.

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Color

CIELCh(43, 24.066, 318.460)

Conversions

Conversions Part 1

Format	Color
Hex	775C80
RGB	119, 92, 128
RGB Percent	47%, 36%, 50%
CMY	0.5330, 0.6389, 0.4977
CMYK	0.07, 0.28, 0.00, 0.50
HSL	285°, 16%, 43%
HSV	285°, 28%, 50%
XYZ	15.3562, 13.1578, 22.1827
YIQ	104.1770, 4.5360, 16.9200

Conversions

Conversions Part 2

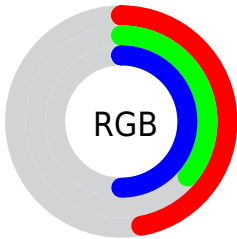
Format	Color
R_{YB}	119, 92, 128
Decimal	7822464
CIE _{Lab}	43.00, 18.01, -15.96
CIE _{LCh}	43, 24.066, 318.460
Yxy	13.1578, 0.3029, 0.2595
Android (android.graphics.Color)	4286012544 (0xFF775C80)
YUV	104.1770, 11.7447, 12.9998
Hunter-Lab	36.2736, 12.0880, -10.8666

Details

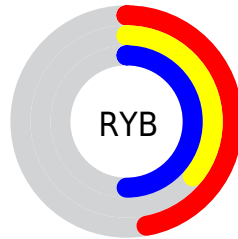
The CIELCh color $43, 24.066, 318.460$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 23.678, 135.969$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.504, 318.806$, and $23, 23.963, 318.207$ is the 20% darker color. If you saturate the color by 10%, you get $39, 32.705, 318.869$, and if you desaturate by 10%, it is $47, 15.406, 318.035$.

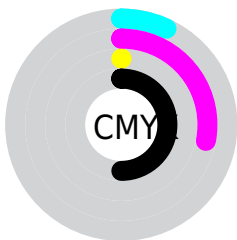
Distribution



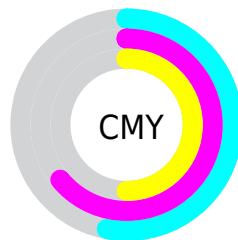
- Red (47%)
- Green (36%)
- Blue (50%)



- Red (47%)
- Yellow (36%)
- Blue (50%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (64%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.066, 318.460 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, 24.066, 318.460 by changing the saturation by 10% instead.

 43, 24.066,
318.460

 43, 24.066,
318.460


 100, 24.066,
318.460

 33, 24.066,
318.460

 63, 24.066,
318.460


 23, 24.066,
318.460

 73, 24.066,
318.460

 13, 24.066,
318.460

 83, 24.066,
318.460

 3, 24.066, 318.460

 93, 24.066,
318.460

 0, 24.066, 318.460

 43, 24.066,

 43, 24.066,

318.460

318.460

■ 39, 32.705,
318.869

■ 47, 15.406,
318.035

■ 36, 41.159,
319.242

■ 51, 6.838, 317.605

■ 33, 49.186,
319.548

■ 54, 1.571, 137.310

■ 58, 9.782, 136.851

■ 30, 56.466,
319.748

■ 62, 17.776,
136.485

■ 28, 62.617,
319.794

■ 66, 25.546,
136.149

■ 26, 67.262,
319.637

■ 70, 33.092,
135.842

■ 24, 70.526,
319.301

■ 74, 40.420,
135.562

■ 24, 71.149,
319.245

■ 78, 47.538,

Harmonies

Complementary

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



43, 24.066, 318.460



51, 23.678, 135.969

Rectangle

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



43, 24.066, 318.460



43, 24.066, 8.460



43, 24.066, 138.460



43, 24.066, 188.460

Sweetspot

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



43, 24.065, 318.460



64, 8.331, 317.609



43, 16.472, 281.096



33, 5.974, 317.667



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 24.065, 318.460



52, 36.015, 318.736



44, 21.601, 334.160



25, 4.740, 317.649



24, 70.912, 319.249



0, 0.000, 0.000

Inverse Universe

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



43, 16.210, 2.458



52, 24.473, 3.387



50, 21.454, 150.274



25, 3.114, 0.277



26, 53.181, 23.505



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 24.066, 318.460 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, 24.066, 318.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

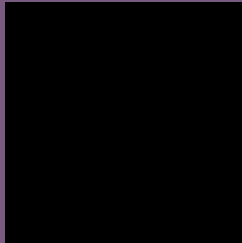
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.066, 318.460

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.066, 318.460.



This preview shows how white text looks on a background with the CIELCh color 43, 24.066, 318.460.

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, 24.066, 318.460

Protanopia

43, 19.951, 284.840

Deuteranopia

43, 16.250, 291.189



Tritanopia
43, 8.997, 352.863

Trichromacy



Original Color
43, 24.066, 318.460

Protanomaly
43, 20.577, 297.132

Deuteranomaly
43, 18.472, 303.273

Tritanomaly
43, 14.051, 330.997

Monochromacy



Original Color
43, 24.066, 318.460

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.650, 315.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.066, 318.460 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(119, 92, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 128)  
}
```

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(119, 92, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.066, 318.460 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(119, 92, 128) }
```

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

```
.border{ border-color:rgb(119, 92, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 92, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 128);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.066, 318.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 128) }
```

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

```
.background{ background-color: rgb(119, 92,  
128) }
```

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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