

Converting Colors

CIELCh(43, 23.109, 301.895)

Have a look what the booklet for
CIELCh(43, 23.109, 301.895)
contains.

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Color

CIELCh(43, 23.280, 302.376)

Conversions

Conversions Part 1

Format	Color
Hex	6A6086
RGB	106, 96, 134
RGB Percent	42%, 38%, 53%
CMY	0.5842, 0.6234, 0.4744
CMYK	0.21, 0.28, 0.00, 0.47
HSL	256°, 17%, 45%
HSV	256°, 28%, 53%
XYZ	14.4368, 13.1578, 24.3427
YIQ	103.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

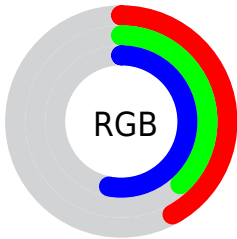
Format	Color
RYB	106, 96, 134
Decimal	6971526
CIELab	43.00, 12.47, -19.66
CIELCh	43, 23.280, 302.376
Yxy	13.1578, 0.2780, 0.2533
Android (android.graphics.Color)	4285161606 (0xFF6A6086)
YUV	103.3220, 15.1243, 2.3486
Hunter-Lab	36.2736, 7.5634, -14.3971

Details

The CIELCh color $43, 23.280, 302.376$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 21.994, 118.726$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.823, 302.287$, and $23, 22.961, 302.347$ is the 20% darker color. If you saturate the color by 10%, you get $38, 32.025, 303.243$, and if you desaturate by 10%, it is $48, 14.807, 301.599$.

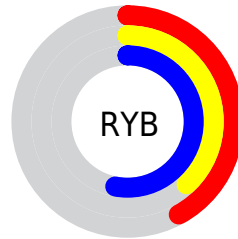
Distribution



Red (42%)

Green (38%)

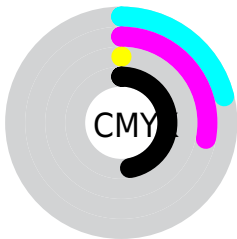
Blue (53%)



Red (42%)

Yellow (38%)

Blue (53%)

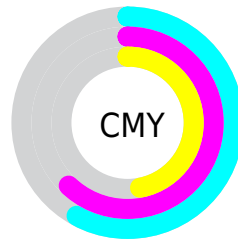


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (47%)



Cyan (58%)


Magenta (62%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.280, 302.376 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, 23.280, 302.376 by changing the saturation by 10% instead.


 43, 23.280,
302.376


 43, 23.280,
302.376


 100, 23.280,
302.376


 33, 23.280,
302.376

 63, 23.280,
302.376


 23, 23.280,
302.376

 73, 23.280,
302.376

 13, 23.280,
302.376

 83, 23.280,
302.376

 3, 23.280, 302.376

 93, 23.280,
302.376

 0, 23.280, 302.376

 43, 23.280,

 43, 23.280,

302.376

■ 38, 32.025,
303.243

■ 34, 40.997,
304.192

■ 30, 50.076,
305.193

■ 26, 59.016,
306.186

■ 22, 67.362,
307.065

■ 19, 74.394,
307.672

■ 16, 79.839,
308.011

■ 16, 80.770,
308.104

302.376

■ 48, 14.807,
301.599

■ 52, 6.624, 300.912

■ 57, 1.274, 120.336

■ 61, 8.899, 119.797

■ 66, 16.264,
119.343

■ 70, 23.383,
118.951

■ 75, 30.273,
118.613

■ 79, 36.947,
118.321

■ 83, 43.419,

Harmonies

Complementary

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



43, 23.280, 302.376



54, 21.994, 118.726

Rectangle

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



43, 23.280, 302.376



43, 23.280, 352.376



43, 23.280, 122.376



43, 23.280, 172.376

Sweetspot

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



43, 23.279, 302.376



66, 8.821, 300.967



50, 11.557, 227.357



33, 6.116, 301.049



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, 23.279, 302.376



52, 34.830, 302.920



45, 25.198, 318.475



26, 4.439, 300.961



15, 79.002, 308.129



0, 1.048, 300.407

Inverse Universe

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



45, 22.409, 334.712



56, 33.105, 335.180



53, 24.788, 135.948



26, 4.386, 333.382



28, 57.695, 341.735



0, 1.043, 332.835

Previews

White Background



This preview shows how the CIELCh color 43, 23.280, 302.376 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, 23.280, 302.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

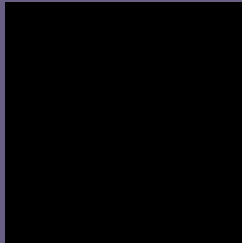
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.280, 302.376

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.280, 302.376.



This preview shows how white text looks on a background with the CIELCh color 43, 23.280, 302.376.

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, 23.280, 302.376

Protanopia

43, 22.384, 285.337

Deuteranopia

43, 19.916, 286.852



Tritanopia
43, 4.818, 290.885

Trichromacy



Original Color
43, 23.280, 302.376

Protanomaly
43, 22.279, 290.610

Deuteranomaly
43, 20.474, 292.075

Tritanomaly
43, 11.591, 299.518

Monochromacy



Original Color
43, 23.280, 302.376

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 8.605, 301.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.280, 302.376 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(106, 96, 134)` looks like.

```
.text, #text, p{  
    color:rgb(106, 96, 134)  
}
```

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(106, 96, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 96, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.280, 302.376 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(106, 96, 134) }
```

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

```
.border{ border-color:rgb(106, 96, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 96, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 96, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 96, 134);  
box-shadow:4px 4px 4px 4px rgb(106, 96,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.280, 302.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 96, 134) }
```

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

```
.background{ background-color: rgb(106, 96,  
134) }
```

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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