

Converting Colors

CIELCh(43, 22.986, 319.768)

Have a look what the booklet for
CIELCh(43, 22.986, 319.768)
contains.

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Color

CIELCh(43, 23.020, 319.776)

Conversions

Conversions Part 1

Format	Color
Hex	775C7E
RGB	119, 92, 126
RGB Percent	47%, 36%, 49%
CMY	0.5322, 0.6381, 0.5048
CMYK	0.06, 0.27, 0.00, 0.50
HSL	288°, 16%, 43%
HSV	288°, 27%, 50%
XYZ	15.2824, 13.1578, 21.5702
YIQ	103.9490, 5.1780, 16.2980

Conversions

Conversions Part 2

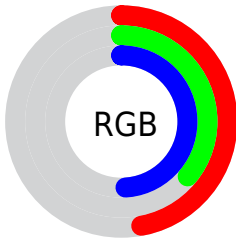
Format	Color
R_{YB}	119, 92, 126
Decimal	7822462
CIE _{Lab}	43.00, 17.58, -14.87
CIE _{LCh}	43, 23.020, 319.776
Yxy	13.1578, 0.3056, 0.2631
Android (android.graphics.Color)	4286012542 (0xFF775C7E)
YUV	103.9490, 10.8711, 13.1997
Hunter-Lab	36.2736, 11.7249, -9.8653

Details

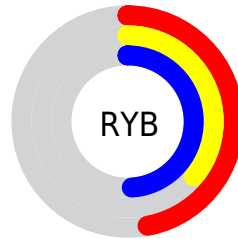
The CIELCh color $43, 23.020, 319.776$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50, 22.736, 137.318$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 23.530, 320.041$, and $23, 22.816, 319.609$ is the 20% darker color. If you saturate the color by 10%, you get $40, 31.613, 320.191$, and if you desaturate by 10%, it is $47, 14.391, 319.344$.

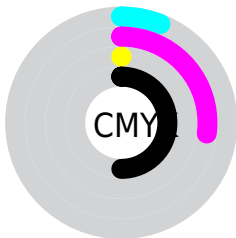
Distribution



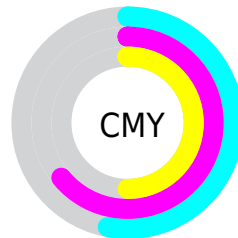
- Red (47%)
- Green (36%)
- Blue (49%)



- Red (47%)
- Yellow (36%)
- Blue (49%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (50%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.020, 319.776 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, 23.020, 319.776 by changing the saturation by 10% instead.


 43, 23.020,
319.776


 43, 23.020,
319.776


 100, 23.020,
319.776

 33, 23.020,
319.776

 63, 23.020,
319.776


 23, 23.020,
319.776

 73, 23.020,
319.776

 13, 23.020,
319.776

 83, 23.020,
319.776

 3, 23.020, 319.776

 93, 23.020,
319.776

 0, 23.020, 319.776

 43, 23.020,

 43, 23.020,

319.776

40, 31.613,
320.191

36, 40.007,
320.571

33, 47.959,
320.887

30, 55.160,
321.105

28, 61.245,
321.185

26, 65.860,
321.085

25, 69.014,
320.809

24, 69.957,
320.729

319.776

47, 14.391,
319.344

50, 5.845, 318.903

54, 2.550, 138.571

58, 10.752,
138.130

62, 18.738,
137.751

65, 26.500,
137.401

69, 34.038,
137.078

73, 41.357,
136.782

 77, 48.465,
136.512

Harmonies

Complementary

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



43, 23.020, 319.776



50, 22.736, 137.318

Rectangle

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



43, 23.020, 319.776



43, 23.020, 9.776



43, 23.020, 139.776



43, 23.020, 189.776

Sweetspot

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



43, 23.018, 319.776



63, 8.328, 318.959



43, 16.212, 282.960



32, 5.895, 319.017



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 23.018, 319.776



53, 33.781, 320.020



43, 19.993, 335.425



25, 4.798, 319.001



25, 70.442, 320.722



0, 0.000, 0.000

Inverse Universe

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



43, 15.126, 5.573



52, 22.427, 6.364



50, 19.820, 151.620



25, 3.059, 3.550



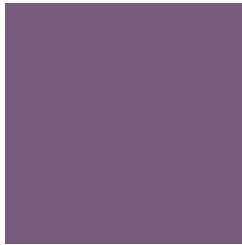
26, 54.528, 27.098



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 23.020, 319.776 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, 23.020, 319.776 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, 23.020, 319.776

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.020, 319.776.



This preview shows how white text looks on a background with the CIELCh color 43, 23.020, 319.776.

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, 23.020, 319.776

Protanopia

43, 18.772, 284.085

Deuteranopia

43, 15.052, 292.326



Tritanopia
43, 9.651, 350.937

Trichromacy



Original Color
43, 23.020, 319.776

Protanomaly
43, 19.417, 298.348

Deuteranomaly
43, 17.376, 305.177

Tritanomaly
43, 13.610, 332.644

Monochromacy



Original Color
43, 23.020, 319.776

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.302, 320.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.020, 319.776 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.020, 319.776 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, 126) }
```

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

```
.border{ border-color:rgb(119, 92, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 126);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.020, 319.776 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, 126) }
```

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

```
.background{ background-color: rgb(119, 92,  
126) }
```

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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