

Converting Colors

CIELCh(51, 23.394, 287.216)

Have a look what the booklet for
CIELCh(51, 23.394, 287.216)
contains.

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Color

CIELCh(51, 23.395, 287.217)

Conversions

Conversions Part 1

Format	Color
Hex	70779F
RGB	112, 119, 159
RGB Percent	44%, 47%, 62%
CMY	0.5593, 0.5319, 0.3749
CMYK	0.29, 0.25, 0.00, 0.37
HSL	231°, 20%, 53%
HSV	231°, 29%, 63%
XYZ	19.6635, 19.2686, 35.6633
YIQ	121.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

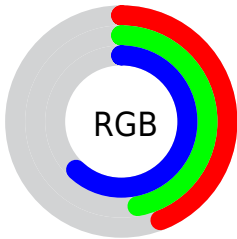
Format	Color
R_{YB}	112, 118, 159
Decimal	7370655
CIE Lab	51.00, 6.92, -22.35
CIE LCh	51, 23.395, 287.217
Yxy	19.2686, 0.2636, 0.2583
Android (android.graphics.Color)	4285560735 (0xFF70779F)
YUV	121.4670, 18.5038, -8.3026
Hunter-Lab	43.8960, 3.1422, -17.4430

Details

The CIELCh color $51, 23.395, 287.217$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63, 22.367, 100.099$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 23.544, 287.576$, and $31, 23.030, 286.484$ is the 20% darker color. If you saturate the color by 10%, you get $46, 31.876, 288.992$, and if you desaturate by 10%, it is $56, 15.207, 285.694$.

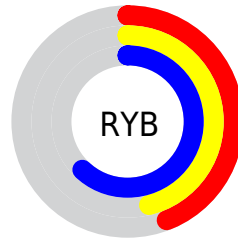
Distribution



Red (44%)

Green (47%)

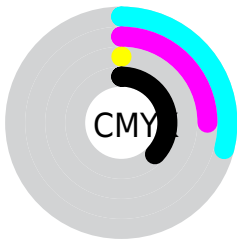
Blue (62%)



Red (44%)

Yellow (46%)

Blue (62%)

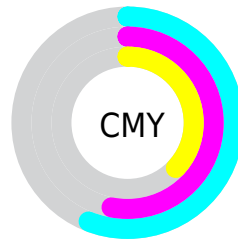


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 23.395, 287.217 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 51, 23.395, 287.217 by changing the saturation by 10% instead.

■ 51, 23.395,
287.217

■ 51, 23.395,
287.217

■ 100, 23.395,
287.217

■ 41, 23.395,
287.217

■ 71, 23.395,
287.217

■ 31, 23.395,
287.217

■ 81, 23.395,
287.217

■ 21, 23.395,
287.217

■ 91, 23.395,
287.217

■ 11, 23.395,
287.217

■ 1, 23.395, 287.217

■ 0, 23.395, 287.217

■ 51, 23.395,
287.217

■ 51, 23.395,
287.217

■ 46, 31.876,
288.992

■ 56, 15.207,
285.694

■ 41, 40.677,
291.048

■ 61, 7.292, 284.397

■ 66, 0.372, 102.967

■ 36, 49.801,
293.389

■ 71, 7.803, 102.283

■ 32, 59.194,
295.976

■ 76, 15.015,
101.455

■ 27, 68.653,
298.697

■ 81, 22.020,
100.731

■ 24, 77.692,
301.347

■ 85, 28.830,
100.097

■ 21, 85.505,
303.580

■ 90, 35.453, 99.538

■ 21, 85.853,

■ 95, 41.851, 99.496

Harmonies

Complementary

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



51, 23.395, 287.217



63, 22.367, 100.099

Rectangle

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



51, 23.395, 287.217



51, 23.395, 337.217



51, 23.395, 107.217



51, 23.395, 157.217

Sweetspot

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



51, 23.394, 287.216



77, 8.531, 284.358



62, 17.387, 184.647



40, 5.987, 284.524



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 23.394, 287.216



62, 34.649, 288.279



51, 28.227, 305.443



31, 4.311, 284.366



18, 78.648, 303.460



1, 5.615, 283.724

Inverse Universe

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



52, 19.976, 10.329



64, 29.702, 11.238



63, 26.749, 122.108



31, 3.598, 7.969



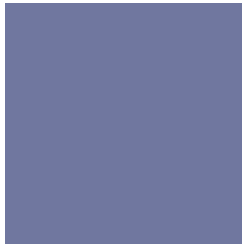
29, 61.719, 31.884



1, 4.578, 7.839

Previews

White Background



This preview shows how the CIELCh color 51, 23.395, 287.217 looks on a white background.

Color Contrast Check

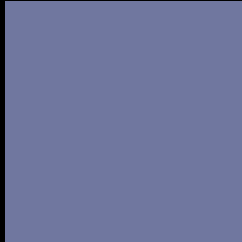
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 23.395, 287.217 looks on a black 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

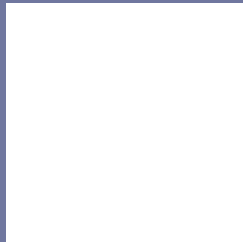
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 23.395, 287.217

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.395, 287.217.



This preview shows how white text looks on a background with the CIELCh color 51, 23.395, 287.217.

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

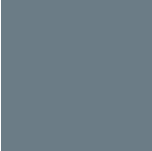
51, 23.395, 287.217

Protanopia

51, 23.458, 284.758

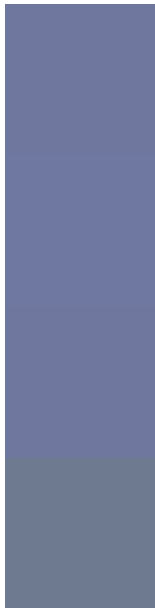
Deuteranopia

51, 23.395, 287.217



Tritanopia
51, 8.482, 242.532

Trichromacy



Original Color
51, 23.395, 287.217

Protanomaly
51, 23.422, 285.562

Deuteranomaly
51, 23.395, 287.217

Tritanomaly
51, 12.982, 270.451

Monochromacy



Original Color
51, 23.395, 287.217

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.763, 286.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 23.395, 287.217 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(112, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(112, 119, 159)  
}
```

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(112, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 119, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.395, 287.217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

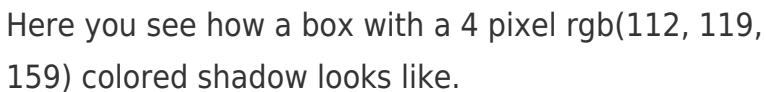
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 119, 159) }
```

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

```
.border{ border-color:rgb(112, 119, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 119, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 119, 159); box-shadow:4px 4px 4px 4px rgb(112, 119, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.395, 287.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 119, 159) }
```

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

```
.background{ background-color: rgb(112,  
119, 159) }
```

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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