

Converting Colors

CIELCh(51, 22.361, 307.362)

Have a look what the booklet for
CIELCh(51, 22.361, 307.362)
contains.

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Color

CIELCh(51, 22.389, 306.986)

Conversions

Conversions Part 1

Format	Color
Hex	827398
RGB	130, 115, 152
RGB Percent	51%, 45%, 60%
CMY	0.4903, 0.5491, 0.4040
CMYK	0.14, 0.24, 0.00, 0.40
HSL	264°, 15%, 52%
HSV	264°, 24%, 60%
XYZ	20.9982, 19.2686, 32.3109
YIQ	123.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

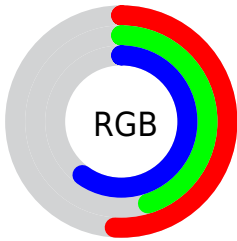
Format	Color
R_{YB}	130, 115, 152
Decimal	8549272
CIE _{Lab}	51.00, 13.47, -17.88
CIE _{LCh}	51, 22.389, 306.986
Yxy	19.2686, 0.2893, 0.2655
Android (android.graphics.Color)	4286739352 (0xFF827398)
YUV	123.7030, 13.9504, 5.5225
Hunter-Lab	43.8960, 8.5697, -12.9149

Details

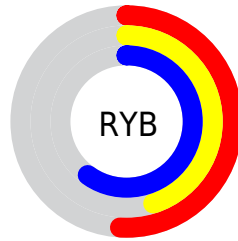
The CIELCh color $51, 22.389, 306.986$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 21.519, 124.509$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 22.157, 306.863$, and $31, 22.330, 306.710$ is the 20% darker color. If you saturate the color by 10%, you get $46, 32.032, 307.608$, and if you desaturate by 10%, it is $56, 12.992, 306.412$.

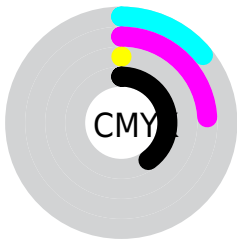
Distribution



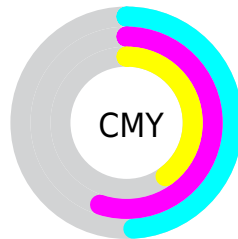
- Red (51%)
- Green (45%)
- Blue (60%)



- Red (51%)
- Yellow (45%)
- Blue (60%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 22.389, 306.986 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, 22.389, 306.986 by changing the saturation by 10% instead.

■ 51, 22.389,
306.986

■ 51, 22.389,
306.986

■ 100, 22.389,
306.986

■ 41, 22.389,
306.986

■ 71, 22.389,
306.986

■ 31, 22.389,
306.986

■ 81, 22.389,
306.986

■ 21, 22.389,
306.986

■ 91, 22.389,
306.986

■ 11, 22.389,
306.986

■ 1, 22.389, 306.986

■ 0, 22.389, 306.986

51, 22.389,
306.986

51, 22.389,
306.986

46, 32.032,
307.608

56, 12.992,
306.412

41, 41.853,
308.266

61, 3.877, 305.885

37, 51.708,
308.932

66, 4.950, 125.459

32, 61.337,
309.555

70, 13.493,
125.046

28, 70.305,
310.055

75, 21.761,
124.690

25, 77.973,
310.317

80, 29.766,
124.381


22, 83.601,
310.209

85, 37.523,
124.113

21, 86.358,

89, 45.046,
123.883

310.126

 94, 52.349,
123.685

Harmonies

Complementary

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



51, 22.389, 306.986



61, 21.519, 124.509

Rectangle

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



51, 22.389, 306.986



51, 22.389, 356.986



51, 22.389, 126.986



51, 22.389, 176.986

Sweetspot

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



51, 22.388, 306.985



75, 7.728, 306.030



56, 11.431, 246.985



39, 5.065, 306.057



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



51, 22.388, 306.985



62, 33.111, 307.305



53, 24.859, 322.860



30, 5.107, 306.139



19, 81.371, 310.203



1, 5.441, 305.447

Inverse Universe

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



53, 19.339, 340.787



64, 28.424, 341.257



60, 24.730, 140.351



30, 4.466, 339.526



30, 56.099, 352.595



1, 4.751, 339.353

Previews

White Background



This preview shows how the CIELCh color 51, 22.389, 306.986 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, 22.389, 306.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

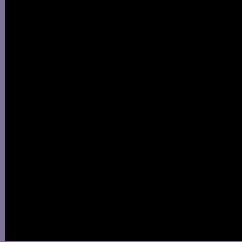
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 22.389, 306.986

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.389, 306.986.



This preview shows how white text looks on a background with the CIELCh color 51, 22.389, 306.986.

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, 22.389, 306.986

Protanopia

51, 21.094, 285.248

Deuteranopia

51, 18.673, 291.429



Tritanopia
51, 6.487, 316.023

Trichromacy



Original Color
51, 22.389, 306.986

Protanomaly
51, 21.618, 293.821

Deuteranomaly
51, 19.356, 296.873

Tritanomaly
51, 11.669, 308.766

Monochromacy



Original Color
51, 22.389, 306.986

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.843, 305.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 22.389, 306.986 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(130, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(130, 115, 152)  
}
```

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(130, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 115, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.389, 306.986 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(130, 115, 152) }
```

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

```
.border{ border-color:rgb(130, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 115, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 115, 152); box-shadow:4px 4px 4px 4px rgb(130, 115, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.389, 306.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 115, 152) }
```

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

```
.background{ background-color: rgb(130,  
115, 152) }
```

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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