

Converting Colors

CIELCh(56, 29.165, 292.790)

Have a look what the booklet for
CIELCh(56, 29.165, 292.790)
contains.

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Color

CIELCh(56, 29.224, 292.899)

Conversions

Conversions Part 1

Format	Color
Hex	8182B5
RGB	129, 130, 181
RGB Percent	51%, 51%, 71%
CMY	0.4947, 0.4908, 0.2908
CMYK	0.29, 0.28, 0.00, 0.29
HSL	239°, 26%, 61%
HSV	239°, 29%, 71%
XYZ	25.3190, 23.9124, 46.9147
YIQ	135.5150, -16.9670, 15.6490

Conversions

Conversions Part 2

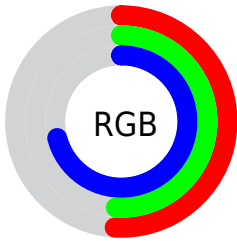
Format	Color
R_{YB}	129, 130, 181
Decimal	8487605
CIE _{Lab}	56.00, 11.37, -26.92
CIE _{LCh}	56, 29.224, 292.899
Yxy	23.9124, 0.2633, 0.2487
Android (android.graphics.Color)	4286677685 (0xFF8182B5)
YUV	135.5150, 22.4241, -5.7137
Hunter-Lab	48.9003, 6.8460, -22.6522

Details

The CIELCh color **56, 29.224, 292.899** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72, 27.360, 106.604**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.116, 292.832**, and **36, 29.165, 292.790** is the 20% darker color. If you saturate the color by 10%, you get **50, 40.221, 294.540**, and if you desaturate by 10%, it is **62, 18.674, 291.496**.

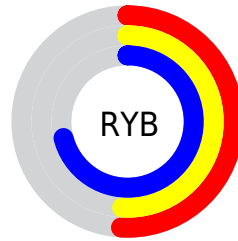
Distribution



Red (51%)

Green (51%)

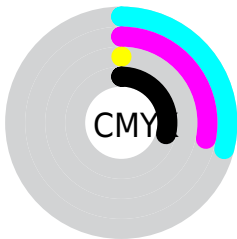
Blue (71%)



Red (51%)

Yellow (51%)

Blue (71%)

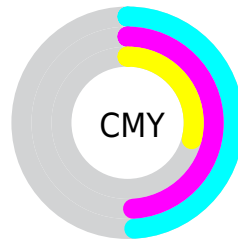


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (49%)


Magenta (49%)

Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 29.224, 292.899 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 56, 29.224, 292.899 by changing the saturation by 10% instead.


 56, 29.224,
292.899

 56, 29.224,
292.899


 100, 29.224,
292.899


 46, 29.224,
292.899


 76, 29.224,
292.899

 36, 29.224,
292.899

 86, 29.224,
292.899

 26, 29.224,
292.899

 96, 29.224,
292.899

 16, 29.224,
292.899

 6, 29.224, 292.899

 0, 29.224, 292.899

■ 56, 29.224,
292.899

■ 56, 29.224,
292.899

■ 50, 40.221,
294.540

■ 62, 18.674,
291.496

■ 44, 51.668,
296.431

■ 68, 8.547, 290.306

■ 38, 63.484,
298.551

■ 74, 1.188, 109.227

■ 32, 75.378,
300.805

■ 80, 10.562,
108.413

■ 28, 86.639,
302.992

■ 86, 19.602,
107.678

■ 24, 95.941,
304.804

■ 92, 28.330,
107.045

■ 22, 101.872,
305.937

■ 98, 36.766,
106.769

■ 22, 102.492,

■ 98, 37.229,
107.339

Harmonies

Complementary

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



56, 29.224, 292.899



72, 27.360, 106.604

Rectangle

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



56, 29.224, 292.899



56, 29.224, 342.899



56, 29.224, 112.899



56, 29.224, 162.899

Sweetspot

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



56, 29.223, 292.899



86, 10.871, 290.350



70, 17.962, 194.925



45, 7.568, 290.510



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 29.223, 292.899



67, 43.221, 293.823



58, 30.948, 309.334



35, 5.480, 290.368



17, 90.421, 305.995



1, 13.117, 289.581

Inverse Universe

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



59, 21.563, 20.246



72, 32.151, 21.002



71, 29.655, 126.547



35, 3.910, 18.347



31, 70.209, 38.753



2, 9.161, 18.162

Previews

White Background



This preview shows how the CIELCh color 56, 29.224, 292.899 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 CIE LCh color 56, 29.224, 292.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

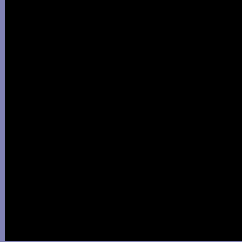
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.224, 292.899

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.224, 292.899.



This preview shows how white text looks on a background with the CIELCh color 56, 29.224, 292.899.

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

56, 29.224, 292.899

Protanopia

56, 29.362, 285.318

Deuteranopia

56, 27.610, 285.839



Tritanopia
56, 8.045, 250.834

Trichromacy



Original Color
56, 29.224, 292.899

Protanomaly
56, 29.258, 288.421

Deuteranomaly
56, 28.106, 288.708

Tritanomaly
56, 14.658, 277.775

Monochromacy



Original Color
56, 29.224, 292.899

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.886, 291.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.224, 292.899 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(129, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 181)  
}
```

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(129, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.224, 292.899 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(129, 130, 181) }
```

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

```
.border{ border-color:rgb(129, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.224, 292.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 181) }
```

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

```
.background{ background-color: rgb(129,  
130, 181) }
```

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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