

Converting Colors

CIELCh(58, 23.368, 328.119)

Have a look what the booklet for
CIELCh(58, 23.368, 328.119)
contains.

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Color

CIELCh(58, 23.174, 328.001)

Conversions

Conversions Part 1

Format	Color
Hex	A480A1
RGB	164, 128, 161
RGB Percent	64%, 50%, 63%
CMY	0.3563, 0.4975, 0.3681
CMYK	0.00, 0.22, 0.02, 0.36
HSL	305°, 17%, 57%
HSV	305°, 22%, 64%
XYZ	29.5230, 25.9610, 37.2399
YIQ	142.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

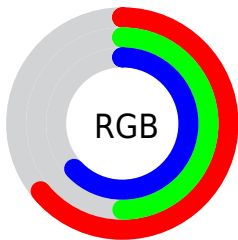
Format	Color
RYB	164, 128, 161
Decimal	10780833
CIELab	58.00, 19.65, -12.28
CIELCh	58, 23.174, 328.001
Yxy	25.9610, 0.3184, 0.2800
Android (android.graphics.Color)	4288970913 (0xFFA480A1)
YUV	142.5260, 9.1077, 18.8327
Hunter-Lab	50.9519, 14.2620, -7.6677

Details

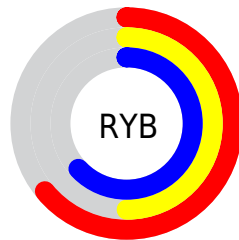
The CIELCh color **58, 23.174, 328.001** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 23.141, 145.338**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 23.230, 327.625**, and **38, 23.354, 328.573** is the 20% darker color. If you saturate the color by 10%, you get **54, 33.670, 328.572**, and if you desaturate by 10%, it is **62, 12.567, 327.424**.

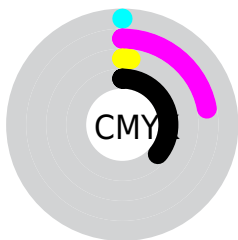
Distribution



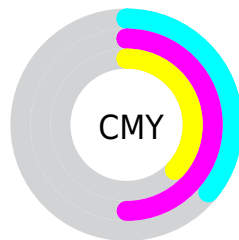
- Red (64%)
- Green (50%)
- Blue (63%)



- Red (64%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 23.174, 328.001 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 58, 23.174, 328.001 by changing the saturation by 10% instead.


 58, 23.174,
328.001


 58, 23.174,
328.001


 100, 23.174,
328.001


 48, 23.174,
328.001


 78, 23.174,
328.001

 38, 23.174,
328.001

 88, 23.174,
328.001

 28, 23.174,
328.001

 98, 23.174,
328.001

 18, 23.174,
328.001

 8, 23.174, 328.001

 0, 23.174, 328.001

58, 23.174,
328.001

58, 23.174,
328.001

54, 33.670,
328.572

62, 12.567,
327.424

50, 43.815,
329.132

67, 2.027, 326.764

71, 8.334, 146.364

47, 53.280,
329.670

76, 18.449,
145.820

44, 61.669,
330.180

80, 28.281,
145.310

42, 68.561,
330.654

85, 37.815,
144.826

40, 73.592,
331.093


89, 47.050,
144.369

39, 76.573,
331.502

93, 53.440,
144.170

38, 77.896,

331.821

 93, 52.879,
144.607

Harmonies

Complementary

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



58, 23.174, 328.001



64, 23.141, 145.338

Rectangle

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



58, 23.174, 328.001



58, 23.174, 18.001



58, 23.174, 148.001



58, 23.174, 198.001

Sweetspot

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



58, 23.172, 328.001



82, 9.129, 327.141



55, 20.770, 295.563



43, 5.923, 327.174



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 23.172, 328.001



72, 34.107, 328.262



57, 16.575, 350.458



32, 5.920, 327.268



33, 71.296, 331.781



1, 9.005, 327.526

Inverse Universe

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



58, 23.172, 328.001



72, 34.107, 328.262



64, 15.935, 166.410



32, 5.920, 327.268



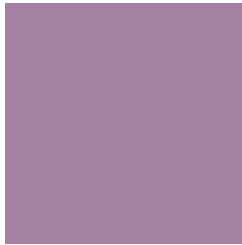
33, 71.296, 331.781



1, 9.005, 327.526

Previews

White Background



This preview shows how the CIELCh color 58, 23.174, 328.001 looks on a white background.

Color Contrast Check

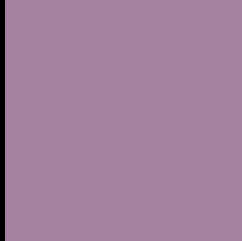
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 23.174, 328.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

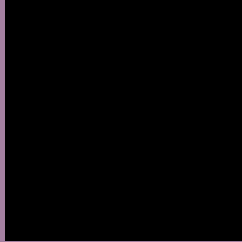
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 23.174, 328.001

Background



This preview shows how black text looks on a background with the CIELCh color 58, 23.174, 328.001.



This preview shows how white text looks on a background with the CIELCh color 58, 23.174, 328.001.

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

58, 23.174, 328.001

Protanopia

58, 17.117, 286.201

Deuteranopia

58, 14.033, 303.898



Tritanopia
58, 12.822, 354.647

Trichromacy



Original Color
58, 23.174, 328.001

Protanomaly
58, 18.671, 303.442

Deuteranomaly
58, 16.861, 315.359

Tritanomaly
58, 15.823, 341.034

Monochromacy



Original Color
58, 23.174, 328.001

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.491, 327.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 23.174, 328.001 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(164, 128, 161)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 161)  
}
```

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(164, 128, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 23.174, 328.001 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(164, 128, 161) }
```

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

```
.border{ border-color:rgb(164, 128, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 128, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 23.174, 328.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 161) }
```

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

```
.background{ background-color: rgb(164,  
128, 161) }
```

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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