

Converting Colors

CIELCh(59, 25.830, 324.617)

Have a look what the booklet for
CIELCh(59, 25.830, 324.617)
contains.

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Color

CIELCh(59, 25.577, 324.909)

Conversions

Conversions Part 1

Format	Color
Hex	A782A8
RGB	167, 130, 168
RGB Percent	65%, 51%, 66%
CMY	0.3449, 0.4900, 0.3410
CMYK	0.01, 0.23, 0.00, 0.34
HSL	298°, 18%, 58%
HSV	298°, 23%, 66%
XYZ	31.0082, 27.0277, 40.6522
YIQ	145.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

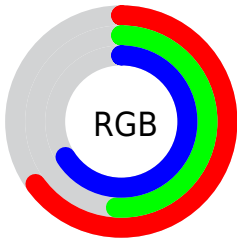
Format	Color
R_{YB}	167, 130, 168
Decimal	10977960
CIE _{Lab}	59.00, 20.93, -14.70
CIE _{LCh}	59, 25.577, 324.909
Yxy	27.0277, 0.3142, 0.2739
Android (android.graphics.Color)	4289168040 (0xFFA782A8)
YUV	145.3950, 11.1443, 18.9476
Hunter-Lab	51.9882, 15.4862, -9.9701

Details

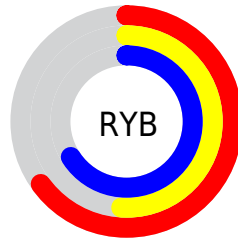
The CIELCh color $59, 25.577, 324.909$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 25.534, 142.343$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 25.528, 324.720$, and $39, 25.883, 325.244$ is the 20% darker color. If you saturate the color by 10%, you get $55, 36.809, 325.416$, and if you desaturate by 10%, it is $63, 14.220, 324.383$.

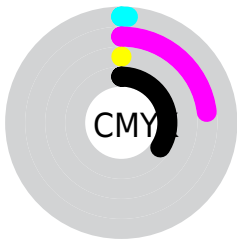
Distribution



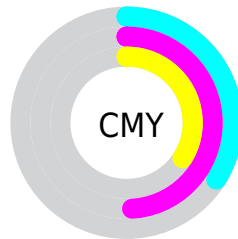
- Red (65%)
- Green (51%)
- Blue (66%)



- Red (65%)
- Yellow (51%)
- Blue (66%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 25.577, 324.909 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 59, 25.577, 324.909 by changing the saturation by 10% instead.


 59, 25.577,
324.909


 59, 25.577,
324.909


 100, 25.577,
324.909


 49, 25.577,
324.909


 79, 25.577,
324.909

 39, 25.577,
324.909

 89, 25.577,
324.909

 29, 25.577,
324.909

 99, 25.577,
324.909

 19, 25.577,
324.909

 9, 25.577, 324.909

 0, 25.577, 324.909

59, 25.577,
324.909

59, 25.577,
324.909

55, 36.809,
325.416

63, 14.220,
324.383

51, 47.661,
325.893

68, 2.929, 323.802

72, 8.176, 143.392

48, 57.789,
326.320

77, 19.021,
142.879

45, 66.781,
326.680

82, 29.563,
142.399

42, 74.207,
326.955

86, 39.784,
141.945

41, 79.705,
327.129


91, 49.681,
141.518

40, 83.100,
327.199

93, 53.840,
141.274

39, 84.667,

327.204

 93, 53.755,
141.156

Harmonies

Complementary

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



59, 25.577, 324.909



65, 25.534, 142.343

Rectangle

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



59, 25.577, 324.909



59, 25.577, 14.909



59, 25.577, 144.909



59, 25.577, 194.909

Sweetspot

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



59, 25.575, 324.909



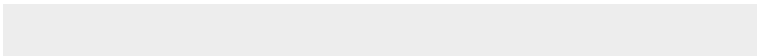
84, 9.771, 324.085



56, 21.054, 291.436



44, 6.341, 324.116



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 25.575, 324.909



73, 37.914, 325.160



59, 18.713, 343.796



33, 6.377, 324.204



34, 77.083, 327.214



2, 11.535, 323.450

Inverse Universe

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



58, 15.607, 19.002



71, 23.551, 19.543



66, 18.278, 159.976



33, 3.723, 17.776



30, 68.087, 38.308



1, 6.578, 17.521

Previews

White Background



This preview shows how the CIELCh color 59, 25.577, 324.909 looks on a white background.

Color Contrast Check

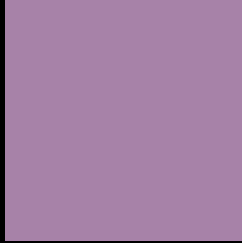
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 25.577, 324.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

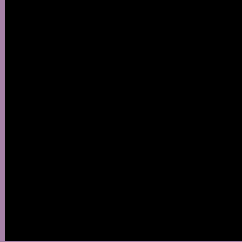
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.577, 324.909

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.577, 324.909.



This preview shows how white text looks on a background with the CIELCh color 59, 25.577, 324.909.

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
59, 25.577, 324.909

Protanopia
59, 19.356, 285.131

Deuteranopia
59, 15.466, 298.653



Tritanopia
59, 13.377, 353.239

Trichromacy



Original Color
59, 25.577, 324.909

Protanomaly
59, 20.202, 301.567

Deuteranomaly
59, 18.635, 310.460

Tritanomaly
59, 16.781, 338.922

Monochromacy



Original Color
59, 25.577, 324.909

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.927, 324.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.577, 324.909 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(167, 130, 168)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 168)  
}
```

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(167, 130, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.577, 324.909 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(167, 130, 168) }
```

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

```
.border{ border-color:rgb(167, 130, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 168);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.577, 324.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 168) }
```

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

```
.background{ background-color: rgb(167,  
130, 168) }
```

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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