

Converting Colors

CIELCh(63, 30.169, 354.487)

Have a look what the booklet for
CIELCh(63, 30.169, 354.487)
contains.

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Color

CIELCh(63, 29.943, 354.158)

Conversions

Conversions Part 1

Format	Color
Hex	C9859F
RGB	201, 133, 159
RGB Percent	79%, 52%, 62%
CMY	0.2128, 0.4793, 0.3774
CMYK	0.00, 0.34, 0.21, 0.21
HSL	337°, 39%, 65%
HSV	337°, 34%, 79%
XYZ	38.6106, 31.5869, 36.7536
YIQ	156.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

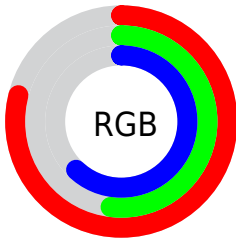
Format	Color
R _Y B	201, 133, 159
Decimal	13206943
CIE Lab	63.00, 29.79, -3.05
CIE LCh	63, 29.943, 354.158
Yxy	31.5869, 0.3610, 0.2953
Android (android.graphics.Color)	4291397023 (0xFFC9859F)
YUV	156.2960, 1.3331, 39.2054
Hunter-Lab	56.2022, 24.2744, 0.5688

Details

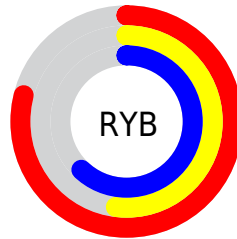
The CIELCh color $63, 29.943, 354.158$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $76, 27.860, 167.137$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 28.685, 352.323$, and $43, 30.279, 353.887$ is the 20% darker color. If you saturate the color by 10%, you get $58, 38.871, 355.662$, and if you desaturate by 10%, it is $68, 20.906, 352.886$.

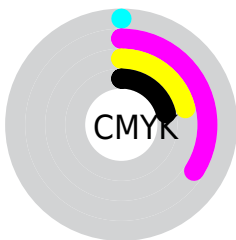
Distribution



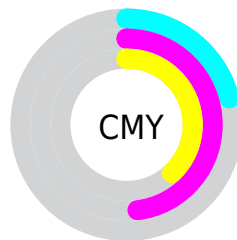
- Red (79%)
- Green (52%)
- Blue (62%)



- Red (79%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (21%)




- Cyan (21%)
- Magenta (48%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 29.943, 354.158 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 63, 29.943, 354.158 by changing the saturation by 10% instead.

 63, 29.943,
354.158


 63, 29.943,
354.158


 100, 29.943,
354.158


 53, 29.943,
354.158


 83, 29.943,
354.158

 43, 29.943,
354.158

 93, 29.943,
354.158

 33, 29.943,
354.158

 23, 29.943,
354.158

 13, 29.943,
354.158

 3, 29.943, 354.158

 0, 29.943, 354.158

63, 29.943,
354.158

63, 29.943,
354.158

58, 38.871,
355.662

68, 20.906,
352.886

54, 47.386,
357.477

73, 11.978,
351.777

50, 55.084,
359.722

79, 3.285, 350.718

47, 61.526, 2.551

84, 5.107, 170.088

45, 66.376, 6.140

90, 13.169,
169.266

43, 69.590, 10.638

95, 20.899,
168.556

43, 71.140, 13.711

96, 18.939,
183.359

96, 17.874,
198.322

Harmonies

Complementary

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



63, 29.943, 354.158



76, 27.860, 167.137

Rectangle

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



63, 29.943, 354.158



63, 29.943, 44.158



63, 29.943, 174.158



63, 29.943, 224.158

Sweetspot

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



63, 29.940, 354.160



93, 10.431, 351.392



62, 40.875, 314.520



49, 7.133, 351.538



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 29.940, 354.160



74, 44.131, 355.295



64, 25.583, 31.560



39, 4.829, 351.313



34, 60.875, 12.824



4, 16.935, 359.875

Inverse Universe

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



63, 29.940, 354.160



74, 44.131, 355.295



74, 20.037, 210.445



39, 4.829, 351.313



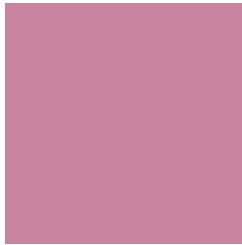
34, 60.875, 12.824



4, 16.935, 359.875

Previews

White Background



This preview shows how the CIELCh color 63, 29.943, 354.158 looks on a white background.

Color Contrast Check

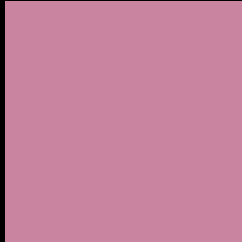
Large Text (above 18pt) WCAG AA × Fail

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 63, 29.943, 354.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

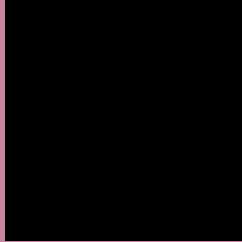
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.943, 354.158

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.943, 354.158.



This preview shows how white text looks on a background with the CIELCh color 63, 29.943, 354.158.

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

63, 29.943, 354.158

Protanopia

63, 10.082, 287.118

Deuteranopia

63, 8.294, 347.655



Tritanopia
63, 26.319, 10.214

Trichromacy



Original Color
63, 29.943, 354.158

Protanomaly
63, 14.669, 327.636

Deuteranomaly
63, 16.636, 351.037

Tritanomaly
63, 27.600, 3.861

Monochromacy



Original Color
63, 29.943, 354.158

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.587, 352.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.943, 354.158 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(201, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 133, 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(201, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 133, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.943, 354.158 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(201, 133, 159) }
```

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

```
.border{ border-color:rgb(201, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 133,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.943, 354.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 133, 159) }
```

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

```
.background{ background-color: rgb(201,  
133, 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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