

# Converting Colors

CIELCh(63, 25.534, 324.384)

Have a look what the booklet for  
CIELCh(63, 25.534, 324.384)  
contains.

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# Color

**CIELCh(63, 25.086, 324.094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B18DB3
RGB	177, 141, 179
RGB Percent	69%, 55%, 70%
CMY	0.3065, 0.4476, 0.2986
CMYK	0.01, 0.21, 0.00, 0.30
HSL	297°, 20%, 63%
HSV	297°, 21%, 70%
XYZ	35.7239, 31.5869, 46.7843
YIQ	156.0960, 9.2580, 19.4500

# Conversions

## Conversions Part 2

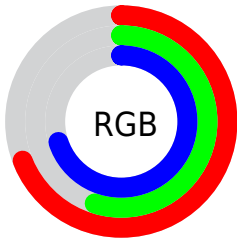
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 141, 179
Decimal	11636147
CIELab	63.00, 20.32, -14.71
CIELCh	63, 25.086, 324.094
Yxy	31.5869, 0.3131, 0.2768
Android (android.graphics.Color)	4289826227 (0xFFB18DB3)
YUV	156.0960, 11.2917, 18.3328
Hunter-Lab	56.2022, 15.1064, -10.0130

# Details

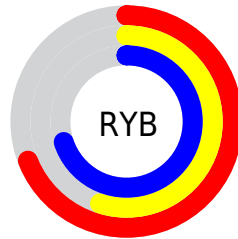
The CIELCh color  $63, 25.086, 324.094$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $69, 25.016, 141.770$ , and the grayscale version is  $64, 0.008, 296.813$ .

A 20% lighter version of the original color is  $83, 25.085, 323.970$ , and  $43, 24.617, 324.251$  is the 20% darker color. If you saturate the color by 10%, you get  $59, 36.870, 324.591$ , and if you desaturate by 10%, it is  $68, 13.220, 323.579$ .

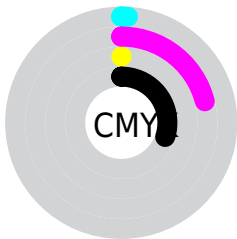
# Distribution



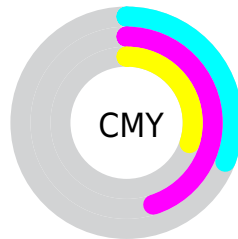
- Red (69%)
- Green (55%)
- Blue (70%)



- Red (69%)
- Yellow (55%)
- Blue (70%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)




- Cyan (31%)
- Magenta (45%)
- Yellow (30%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 25.086, 324.094 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, 25.086, 324.094 by changing the saturation by 10% instead.





 63, 25.086,  
324.094


 63, 25.086,  
324.094


 100, 25.086,  
324.094


 53, 25.086,  
324.094


 83, 25.086,  
324.094

 43, 25.086,  
324.094

 93, 25.086,  
324.094

 33, 25.086,  
324.094

 23, 25.086,  
324.094

 13, 25.086,  
324.094

 3, 25.086, 324.094

 0, 25.086, 324.094

63, 25.086,  
324.094

63, 25.086,  
324.094

59, 36.870,  
324.591

68, 13.220,  
323.579

55, 48.323,  
325.058

72, 1.455, 322.935

51, 59.098,  
325.475

77, 10.096,  
142.617

48, 68.766,  
325.822

82, 21.363,  
142.126

45, 76.864,  
326.076

87, 32.312,  
141.666

43, 82.973,  
326.218

92, 42.926,  
141.233


42, 86.856,  
326.237

94, 46.773,  
140.888

41, 88.807,

94, 46.588,  
140.582

326.173

 94, 46.405,  
140.272

# Harmonies

# Complementary

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



63, 25.086, 324.094



69, 25.016, 141.770

# Rectangle

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



63, 25.086, 324.094



63, 25.086, 14.094



63, 25.086, 144.094



63, 25.086, 194.094

# Sweetspot

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



63, 25.084, 324.094



88, 8.691, 323.304



60, 20.018, 289.864



47, 5.814, 323.339



96, 0.011, 296.813



49, 0.007, 296.813





# Same Dimension

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



63, 25.084, 324.094



78, 36.498, 324.305



63, 18.889, 341.937



35, 6.642, 323.478



35, 79.145, 326.198



2, 15.855, 322.282



# Inverse Universe

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



62, 15.341, 16.801



76, 22.634, 17.271



70, 18.539, 158.471



35, 3.915, 15.648



31, 68.994, 37.382

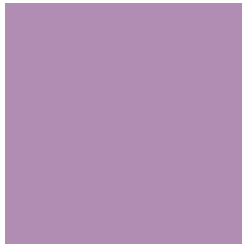


2, 9.179, 16.023



# Previews

## White Background



This preview shows how the CIELCh color 63, 25.086, 324.094 looks on a white background.

## Color Contrast Check

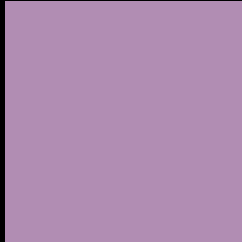
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 63, 25.086, 324.094 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, 25.086, 324.094**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 63, 25.086, 324.094.



This preview shows how white text looks on a background with the CIELCh color 63, 25.086, 324.094.


# 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







**Tritanopia**  
63, 12.849, 352.254

# Trichromacy



**Original Color**  
63, 25.086, 324.094

**Protanomaly**  
63, 20.565, 302.252

**Deuteranomaly**  
63, 19.174, 311.996

**Tritanomaly**  
63, 16.954, 337.416

# Monochromacy



**Original Color**  
63, 25.086, 324.094

**Achromatopsia**  
64, 0.008, 296.813

**Achromatomaly**  
64, 9.492, 324.877

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 63, 25.086, 324.094 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(177, 141, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 141, 179)  
}
```

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(177, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 141, 179) }
```

## Border

The CSS property to change the border of an element to CIELCh 63, 25.086, 324.094 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(177, 141, 179) }
```

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

```
.border{ border-color:rgb(177, 141, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 141, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 141, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 141, 179); box-shadow:4px 4px 4px 4px rgb(177, 141, 179) }
```

# Background

The CSS property to change the background color of an element to CIELCh 63, 25.086, 324.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 141, 179) }
```

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

```
.background{ background-color: rgb(177,  
141, 179) }
```

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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