

Converting Colors

CIELCh(63, 37.684, 325.366)

Have a look what the booklet for
CIELCh(63, 37.684, 325.366)
contains.

CIELCh(63, 37.514, 325.544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 37.514, 325.544)

Conversions

Conversions Part 1

Format	Color
Hex	BE86BF
RGB	190, 134, 191
RGB Percent	75%, 53%, 75%
CMY	0.2565, 0.4760, 0.2525
CMYK	0.01, 0.30, 0.00, 0.25
HSL	299°, 31%, 64%
HSV	299°, 30%, 75%
XYZ	38.9699, 31.5869, 53.1060
YIQ	157.2420, 15.0790, 29.5990

Conversions

Conversions Part 2

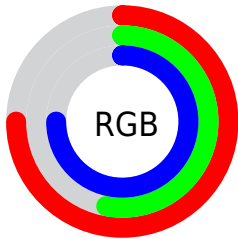
Format	Color
RYB	190, 134, 191
Decimal	12486335
CIELab	63.00, 30.93, -21.22
CIELCh	63, 37.514, 325.544
Yxy	31.5869, 0.3151, 0.2554
Android (android.graphics.Color)	4290676415 (0xFFBE86BF)
YUV	157.2420, 16.6427, 28.7288
Hunter-Lab	56.2022, 25.4155, -16.6821

Details

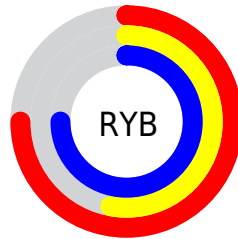
The CIELCh color $63, 37.514, 325.544$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 37.481, 141.959$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 37.227, 325.749$, and $43, 37.546, 325.941$ is the 20% darker color. If you saturate the color by 10%, you get $59, 49.681, 326.039$, and if you desaturate by 10%, it is $68, 24.985, 325.021$.

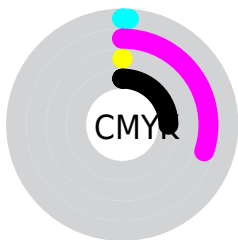
Distribution



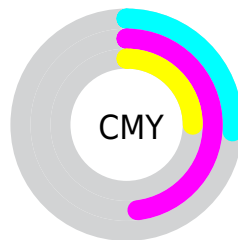
- Red (75%)
- Green (53%)
- Blue (75%)



- Red (75%)
- Yellow (53%)
- Blue (75%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)




- Cyan (26%)
- Magenta (48%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 37.514, 325.544 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, 37.514, 325.544 by changing the saturation by 10% instead.


 63, 37.514,
325.544


 63, 37.514,
325.544


 100, 37.514,
325.544

 53, 37.514,
325.544


 83, 37.514,
325.544

 43, 37.514,
325.544

 93, 37.514,
325.544

 33, 37.514,
325.544

 23, 37.514,
325.544

 13, 37.514,
325.544

 3, 37.514, 325.544

 0, 37.514, 325.544

63, 37.514,
325.544

63, 37.514,
325.544

59, 49.681,
326.039

68, 24.985,
325.021

55, 61.125,
326.490

72, 12.375,
324.480

52, 71.392,
326.878

77, 0.125, 145.931

49, 79.997,
327.186

82, 12.391,
143.469

47, 86.511,
327.398

87, 24.349,
142.957

45, 90.693,
327.509

93, 35.959,
142.474


45, 92.898,
327.536

95, 40.093,
142.223

45, 92.920,

95, 40.025,
142.096

327.536

 95, 39.958,
141.968

Harmonies

Complementary

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



63, 37.514, 325.544



72, 37.481, 141.959

Rectangle

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



63, 37.514, 325.544



63, 37.514, 15.544



63, 37.514, 145.544



63, 37.514, 195.544

Sweetspot

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



63, 37.512, 325.544



92, 13.906, 324.438



58, 31.313, 292.542



49, 9.750, 324.520



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 37.512, 325.544



77, 55.589, 325.879



62, 27.503, 344.546



37, 7.029, 324.450



37, 80.909, 327.545



3, 21.286, 324.690

Inverse Universe

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



61, 23.510, 20.530



74, 35.802, 21.437



73, 26.671, 159.205



37, 4.095, 18.491



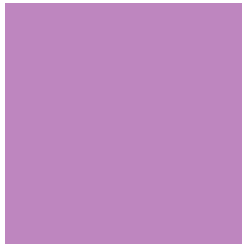
32, 72.118, 38.957



3, 12.256, 18.389

Previews

White Background



This preview shows how the CIELCh color 63, 37.514, 325.544 looks on a white background.

Color Contrast Check

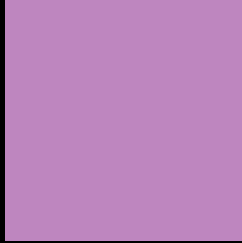
Large Text (above 18pt) WCAG AA × Fail

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, 37.514, 325.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

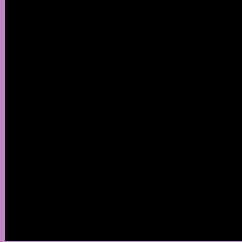
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.514, 325.544

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.514, 325.544.



This preview shows how white text looks on a background with the CIELCh color 63, 37.514, 325.544.

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, 18.020, 1.524

Trichromacy



Original Color
63, 37.514, 325.544

Protanomaly
63, 30.084, 301.057

Deuteranomaly
63, 26.304, 308.311

Tritanomaly
63, 24.008, 341.517

Monochromacy



Original Color
63, 37.514, 325.544

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.509, 325.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.514, 325.544 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(190, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 134, 191)  
}
```

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(190, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 134, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.514, 325.544 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(190, 134, 191) }
```

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

```
.border{ border-color:rgb(190, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 134,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.514, 325.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 134, 191) }
```

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

```
.background{ background-color: rgb(190,  
134, 191) }
```

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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