

Converting Colors

CIELCh(63, 14.570, 334.062)

Have a look what the booklet for
CIELCh(63, 14.570, 334.062)
contains.

CIELCh(63, 14.553, 334.057)	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, 14.553, 334.057)

Conversions

Conversions Part 1

Format	Color
Hex	AB91A4
RGB	171, 145, 164
RGB Percent	67%, 57%, 64%
CMY	0.3294, 0.4314, 0.3569
CMYK	0.00, 0.15, 0.04, 0.33
HSL	316°, 13%, 62%
HSV	316°, 15%, 67%
XYZ	33.6185, 31.5869, 39.4445
YIQ	154.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

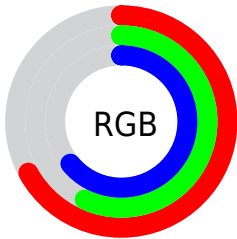
Format	Color
R_{YB}	171, 145, 164
Decimal	11243940
CIE Lab	63.00, 13.09, -6.37
CIE LCh	63, 14.553, 334.057
Yxy	31.5869, 0.3212, 0.3018
Android (android.graphics.Color)	4289434020 (0xFFAB91A4)
YUV	154.9400, 4.4666, 14.0846
Hunter-Lab	56.2022, 8.4196, -2.2700

Details

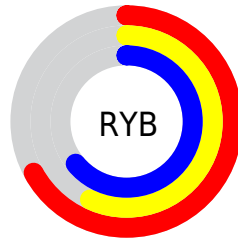
The CIELCh color $63, 14.553, 334.057$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 14.471, 152.026$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.422, 333.455$, and $43, 14.870, 334.854$ is the 20% darker color. If you saturate the color by 10%, you get $59, 24.203, 334.772$, and if you desaturate by 10%, it is $68, 4.946, 333.350$.

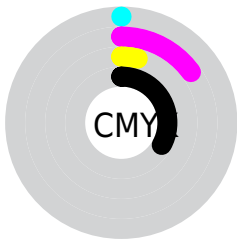
Distribution



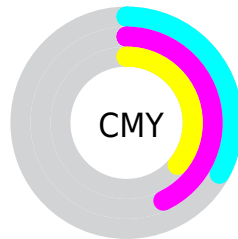
- Red (67%)
- Green (57%)
- Blue (64%)



- Red (67%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.553, 334.057 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, 14.553, 334.057 by changing the saturation by 10% instead.


 63, 14.553,
334.057


 63, 14.553,
334.057


 100, 14.553,
334.057


 53, 14.553,
334.057


 83, 14.553,
334.057

 43, 14.553,
334.057

 93, 14.553,
334.057

 33, 14.553,
334.057

 23, 14.553,
334.057

 13, 14.553,
334.057

 3, 14.553, 334.057

 0, 14.553, 334.057

63, 14.553,
334.057

63, 14.553,
334.057

59, 24.203,
334.772

68, 4.946, 333.350

54, 33.726,
335.523

72, 4.499, 152.840

50, 42.862,
336.320

77, 13.717,
152.196

47, 51.266,
337.177

82, 22.675,
151.620

44, 58.517,
338.116

87, 31.360,
151.081

41, 64.173,
339.171

91, 39.772,
150.573


40, 67.870,
340.390


94, 42.314,
151.536

39, 69.482,

94, 40.551,
153.737

341.833

 94, 38.836,
156.123

 38, 69.890,
342.573

Harmonies

Complementary

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



63, 14.553, 334.057



68, 14.471, 152.026

Rectangle

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



63, 14.553, 334.057



63, 14.553, 24.057



63, 14.553, 154.057



63, 14.553, 204.057

Sweetspot

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



63, 14.551, 334.058



86, 5.874, 333.341



62, 14.898, 301.523



45, 4.042, 333.393



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 14.551, 334.058



78, 21.325, 334.278



63, 10.762, 2.186



34, 5.460, 333.647



33, 63.728, 342.383



2, 10.767, 336.607

Inverse Universe

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



63, 14.551, 334.058



78, 21.325, 334.278



68, 10.199, 179.406



34, 5.460, 333.647



33, 63.728, 342.383



2, 10.767, 336.607

Previews

White Background



This preview shows how the CIELCh color 63, 14.553, 334.057 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, 14.553, 334.057 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, 14.553, 334.057

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.553, 334.057.



This preview shows how white text looks on a background with the CIELCh color 63, 14.553, 334.057.

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, 14.553, 334.057

Protanopia

63, 8.952, 288.797

Deuteranopia

63, 9.978, 323.077



Tritanopia
63, 11.456, 344.807

Trichromacy



Original Color
63, 14.553, 334.057

Protanomaly
63, 10.673, 309.535

Deuteranomaly
63, 11.310, 328.213

Tritanomaly
63, 12.118, 340.481

Monochromacy



Original Color
63, 14.553, 334.057

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 5.502, 334.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.553, 334.057 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(171, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 145, 164)  
}
```

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(171, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 145, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.553, 334.057 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(171, 145, 164) }
```

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

```
.border{ border-color:rgb(171, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 145,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.553, 334.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 145, 164) }
```

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

```
.background{ background-color: rgb(171,  
145, 164) }
```

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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