

Converting Colors

CIELCh(64, 25.340, 306.996)

Have a look what the booklet for
CIELCh(64, 25.340, 306.996)
contains.

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Color

CIELCh(64, 25.504, 307.059)

Conversions

Conversions Part 1

Format	Color
Hex	A593BF
RGB	165, 147, 191
RGB Percent	65%, 58%, 75%
CMY	0.3514, 0.4221, 0.2495
CMYK	0.14, 0.23, 0.00, 0.25
HSL	265°, 26%, 66%
HSV	265°, 23%, 75%
XYZ	35.5344, 32.8017, 53.9732
YIQ	157.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

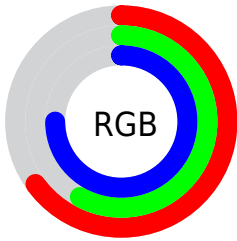
Format	Color
R_{YB}	165, 147, 191
Decimal	10851263
CIE _{Lab}	64.00, 15.37, -20.35
CIE _{LCh}	64, 25.504, 307.059
Yxy	32.8017, 0.2905, 0.2682
Android (android.graphics.Color)	4289041343 (0xFFA593BF)
YUV	157.3980, 16.5658, 6.6670
Hunter-Lab	57.2727, 10.5217, -15.7833

Details

The CIELCh color $64, 25.504, 307.059$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 24.559, 124.698$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 25.263, 306.953$, and $44, 25.509, 307.621$ is the 20% darker color. If you saturate the color by 10%, you get $58, 37.120, 307.683$, and if you desaturate by 10%, it is $70, 14.193, 306.484$.

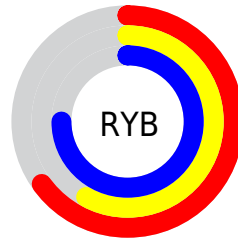
Distribution



Red (65%)

Green (58%)

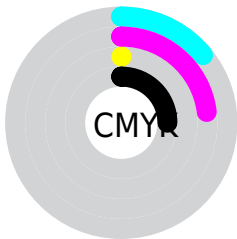
Blue (75%)



Red (65%)

Yellow (58%)

Blue (75%)

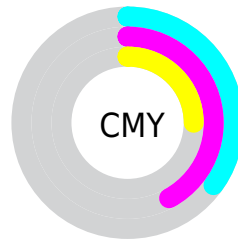


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 25.504, 307.059 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 64, 25.504, 307.059 by changing the saturation by 10% instead.

 64, 25.504,
307.059


 64, 25.504,
307.059


 100, 25.504,
307.059


 54, 25.504,
307.059


 84, 25.504,
307.059

 44, 25.504,
307.059

 94, 25.504,
307.059

 34, 25.504,
307.059

 24, 25.504,
307.059

 14, 25.504,
307.059

 4, 25.504, 307.059

 0, 25.504, 307.059

64, 25.504,
307.059

64, 25.504,
307.059

58, 37.120,
307.683

70, 14.193,
306.484

52, 48.961,
308.345

76, 3.228, 305.950

82, 7.384, 125.531

47, 60.851,
309.016

87, 17.649,
125.123

42, 72.473,
309.644

93, 27.578,
124.771

37, 83.291,
310.146

97, 33.152,
122.006

33, 92.512,
310.401

98, 32.300,
114.781

30, 99.203,
310.269

99, 32.020,
107.741

28, 102.540,

Harmonies

Complementary

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



64, 25.504, 307.059



75, 24.559, 124.698

Rectangle

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



64, 25.504, 307.059



64, 25.504, 357.059



64, 25.504, 127.059



64, 25.504, 177.059

Sweetspot

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



64, 25.502, 307.058



93, 9.407, 306.170



70, 13.052, 246.841



49, 6.117, 306.201



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 25.502, 307.058



78, 38.870, 307.394



66, 28.336, 322.816



38, 6.219, 306.289



23, 89.927, 310.146



2, 19.949, 302.324

Inverse Universe

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



66, 21.984, 340.890



81, 33.296, 341.390



74, 28.192, 140.413



38, 5.419, 339.731



35, 61.731, 353.315



3, 16.759, 346.821

Previews

White Background



This preview shows how the CIELCh color 64, 25.504, 307.059 looks on a white background.

Color Contrast Check

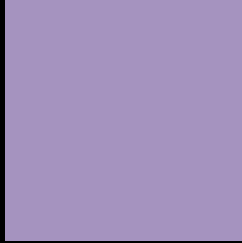
Large Text (above 18pt) WCAG AA × Fail

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 64, 25.504, 307.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

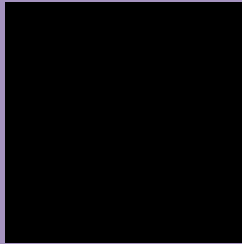
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 25.504, 307.059

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.504, 307.059.



This preview shows how white text looks on a background with the CIELCh color 64, 25.504, 307.059.

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


64, 25.504, 307.059

Protanopia

64, 23.522, 285.259

Deuteranopia

64, 21.220, 292.416



Tritanopia
64, 7.550, 317.577

Trichromacy



Original Color
64, 25.504, 307.059

Protanomaly
64, 23.444, 292.639

Deuteranomaly
64, 23.095, 298.621

Tritanomaly
64, 14.303, 311.100

Monochromacy



Original Color
64, 25.504, 307.059

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.326, 307.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.504, 307.059 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(165, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 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(165, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.504, 307.059 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(165, 147, 191) }
```

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

```
.border{ border-color:rgb(165, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 147, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 147, 191); box-shadow:4px 4px 4px 4px rgb(165, 147, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.504, 307.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 191) }
```

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

```
.background{ background-color: rgb(165,  
147, 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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