

Converting Colors

CIELCh(64, 17.247, 298.042)

Have a look what the booklet for
CIELCh(64, 17.247, 298.042)
contains.

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Color

CIELCh(64, 17.498, 299.030)

Conversions

Conversions Part 1

Format	Color
Hex	9D97B6
RGB	157, 151, 182
RGB Percent	62%, 59%, 71%
CMY	0.3833, 0.4068, 0.2852
CMYK	0.14, 0.17, 0.00, 0.29
HSL	252°, 18%, 65%
HSV	252°, 17%, 71%
XYZ	33.5373, 32.8017, 48.9674
YIQ	156.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

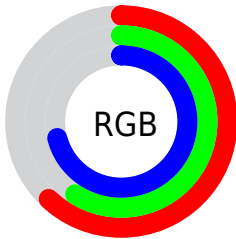
Format	Color
RYB	157, 151, 182
Decimal	10327990
CIELab	64.00, 8.49, -15.30
CIELCh	64, 17.498, 299.030
Yxy	32.8017, 0.2909, 0.2845
Android (android.graphics.Color)	4288518070 (0xFF9D97B6)
YUV	156.3280, 12.6563, 0.5893
Hunter-Lab	57.2727, 4.2974, -10.6012

Details

The CIELCh color $64, 17.498, 299.030$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 16.878, 116.585$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 17.646, 299.465$, and $44, 17.568, 298.709$ is the 20% darker color. If you saturate the color by 10%, you get $58, 28.316, 299.941$, and if you desaturate by 10%, it is $70, 7.080, 298.234$.

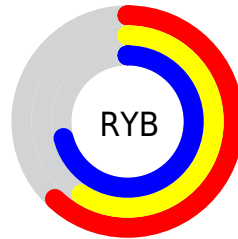
Distribution



Red (62%)

Green (59%)

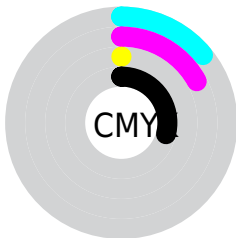
Blue (71%)



Red (62%)

Yellow (59%)

Blue (71%)

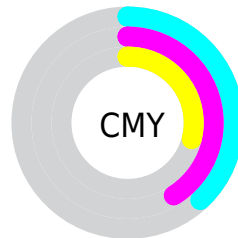


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (41%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 17.498, 299.030 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, 17.498, 299.030 by changing the saturation by 10% instead.

■ 64, 17.498,
299.030

■ 64, 17.498,
299.030

■ 100, 17.498,
299.030

■ 54, 17.498,
299.030

■ 84, 17.498,
299.030

■ 44, 17.498,
299.030

■ 94, 17.498,
299.030

■ 34, 17.498,
299.030

■ 24, 17.498,
299.030

■ 14, 17.498,
299.030

■ 4, 17.498, 299.030

■ 0, 17.498, 299.030

64, 17.498,
299.030

64, 17.498,
299.030

58, 28.316,
299.941

70, 7.080, 298.234

52, 39.535,
300.978

76, 2.949, 117.553

46, 51.111,
302.137

82, 12.612,
116.960

40, 62.908,
303.388

88, 21.930,
116.451

35, 74.610,
304.666

93, 30.928,
116.014

30, 85.576,
305.840

98, 36.736,
113.096

26, 94.732,
306.712

98, 36.528,
107.393

24, 100.912,

307.095

■ 23, 102.501,
307.211

Harmonies

Complementary

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



64, 17.498, 299.030



73, 16.878, 116.585

Rectangle

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



64, 17.498, 299.030



64, 17.498, 349.030



64, 17.498, 119.030



64, 17.498, 169.030

Sweetspot

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



64, 17.496, 299.028



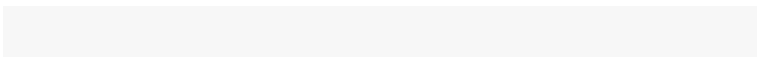
90, 6.233, 298.094



70, 9.451, 218.046



48, 4.292, 298.144



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 17.496, 299.028



79, 25.638, 299.318



65, 18.982, 315.907



36, 5.778, 298.410



19, 91.066, 307.293



1, 15.479, 295.882

Inverse Universe

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



66, 18.109, 331.341



82, 26.397, 331.557



72, 18.725, 134.464



36, 6.042, 330.846



35, 68.871, 337.613



3, 15.482, 333.573

Previews

White Background



This preview shows how the CIELCh color 64, 17.498, 299.030 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, 17.498, 299.030 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, 17.498, 299.030

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.498, 299.030.



This preview shows how white text looks on a background with the CIELCh color 64, 17.498, 299.030.

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, 17.498, 299.030

Protanopia

64, 16.784, 285.963

Deuteranopia

64, 17.498, 299.030



Tritanopia
64, 6.715, 294.077

Trichromacy



Original Color
64, 17.498, 299.030

Protanomaly
64, 16.743, 290.747

Deuteranomaly
64, 17.498, 299.030

Tritanomaly
64, 10.685, 297.214

Monochromacy



Original Color
64, 17.498, 299.030

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 6.189, 297.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.498, 299.030 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(157, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 182)  
}
```

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(157, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.498, 299.030 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(157, 151, 182) }
```

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

```
.border{ border-color:rgb(157, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.498, 299.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 182) }
```

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

```
.background{ background-color: rgb(157,  
151, 182) }
```

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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