

Converting Colors

CIELCh(64, 24.567, 295.182)

Have a look what the booklet for
CIELCh(64, 24.567, 295.182)
contains.

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Color

CIELCh(64, 24.618, 295.138)

Conversions

Conversions Part 1

Format	Color
Hex	9A97C3
RGB	154, 151, 195
RGB Percent	60%, 59%, 76%
CMY	0.3973, 0.4090, 0.2365
CMYK	0.21, 0.23, 0.00, 0.24
HSL	244°, 27%, 68%
HSV	244°, 23%, 76%
XYZ	34.1005, 32.8017, 55.9756
YIQ	156.9130, -12.3360, 14.3200

Conversions

Conversions Part 2

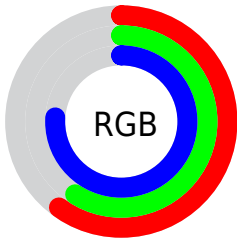
Format	Color
RYB	154, 151, 195
Decimal	10131395
CIELab	64.00, 10.46, -22.29
CIElCh	64, 24.618, 295.138
Yxy	32.8017, 0.2775, 0.2669
Android (android.graphics.Color)	4288321475 (0xFF9A97C3)
YUV	156.9130, 18.7769, -2.5547
Hunter-Lab	57.2727, 6.0524, -17.8563

Details

The CIELCh color $64, 24.618, 295.138$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 23.365, 110.920$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.889, 295.321$, and $44, 24.633, 295.214$ is the 20% darker color. If you saturate the color by 10%, you get $57, 36.255, 296.430$, and if you desaturate by 10%, it is $71, 13.447, 294.029$.

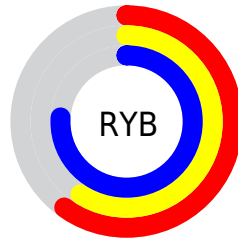
Distribution



Red (60%)

Green (59%)

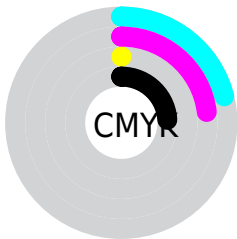
Blue (76%)



Red (60%)

Yellow (59%)

Blue (76%)

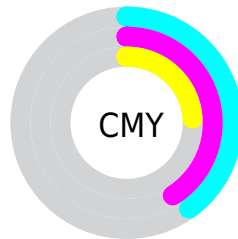


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.618, 295.138 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, 24.618, 295.138 by changing the saturation by 10% instead.

 64, 24.618,
295.138

 64, 24.618,
295.138


 100, 24.618,
295.138


 54, 24.618,
295.138


 84, 24.618,
295.138

 44, 24.618,
295.138

 94, 24.618,
295.138

 34, 24.618,
295.138

 24, 24.618,
295.138

 14, 24.618,
295.138

 4, 24.618, 295.138

 0, 24.618, 295.138

64, 24.618,
295.138

64, 24.618,
295.138

57, 36.255,
296.430

71, 13.447,
294.029

51, 48.367,
297.920

77, 2.721, 293.092

83, 7.592, 112.265

45, 60.897,
299.601

90, 17.522,
111.577

39, 73.638,
301.422

96, 27.095,
110.986

33, 86.061,
303.254

99, 30.384,
107.867

28, 97.086,
304.870

25, 105.093,
305.970

24, 108.878,

306.480

Harmonies

Complementary

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



64, 24.618, 295.138



77, 23.365, 110.920

Rectangle

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



64, 24.618, 295.138



64, 24.618, 345.138



64, 24.618, 115.138



64, 24.618, 165.138

Sweetspot

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



64, 24.617, 295.137



94, 9.135, 293.493



75, 14.217, 204.796



50, 5.991, 293.551



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 24.617, 295.137



77, 36.693, 295.737



66, 26.084, 312.357



37, 5.994, 293.707



19, 94.356, 306.526



1, 19.504, 292.977

Inverse Universe

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



68, 27.716, 327.594



83, 40.883, 327.869



76, 25.413, 130.364



38, 6.898, 326.829



37, 77.596, 331.108



4, 22.733, 328.715

Previews

White Background



This preview shows how the CIELCh color 64, 24.618, 295.138 looks on a white background.

Color Contrast Check

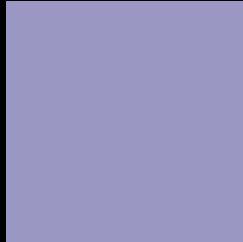
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 24.618, 295.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

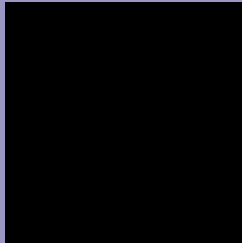
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.618, 295.138

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.618, 295.138.



This preview shows how white text looks on a background with the CIELCh color 64, 24.618, 295.138.

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, 24.618, 295.138

Protanopia

64, 24.649, 285.764

Deuteranopia

64, 23.443, 290.982



Tritanopia
64, 7.113, 269.743

Trichromacy



Original Color
64, 24.618, 295.138

Protanomaly
64, 24.569, 289.618

Deuteranomaly
64, 23.441, 291.809

Tritanomaly
64, 13.410, 287.017

Monochromacy



Original Color
64, 24.618, 295.138

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.931, 293.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.618, 295.138 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(154, 151, 195)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 195)  
}
```

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(154, 151, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.618, 295.138 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(154, 151, 195) }
```

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

```
.border{ border-color:rgb(154, 151, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 195);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.618, 295.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 195) }
```

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

```
.background{ background-color: rgb(154,  
151, 195) }
```

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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