

Converting Colors

CIELCh(64, 25.946, 295.373)

Have a look what the booklet for
CIELCh(64, 25.946, 295.373)
contains.

CIELCh(64, 26.332, 295.882)	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(64, 26.332, 295.882)

Conversions

Conversions Part 1

Format	Color
Hex	9A96C5
RGB	154, 150, 197
RGB Percent	60%, 59%, 77%
CMY	0.3953, 0.4110, 0.2267
CMYK	0.22, 0.24, 0.00, 0.23
HSL	245°, 29%, 68%
HSV	245°, 24%, 77%
XYZ	34.3998, 32.8017, 57.4606
YIQ	156.5540, -12.7030, 15.4650

Conversions

Conversions Part 2

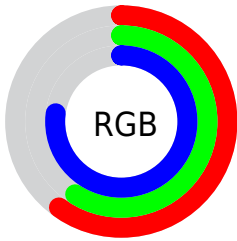
Format	Color
RYB	154, 150, 197
Decimal	10131141
CIELab	64.00, 11.49, -23.69
CIElCh	64, 26.332, 295.882
Yxy	32.8017, 0.2759, 0.2631
Android (android.graphics.Color)	4288321221 (0xFF9A96C5)
YUV	156.5540, 19.9399, -2.2399
Hunter-Lab	57.2727, 6.9855, -19.3935

Details

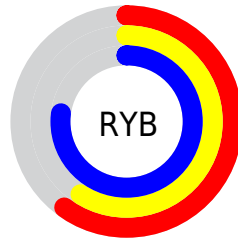
The CIELCh color $64, 26.332, 295.882$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 24.918, 111.540$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.512, 295.968$, and $44, 26.473, 296.085$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.153, 297.153$, and if you desaturate by 10%, it is $71, 14.980, 294.787$.

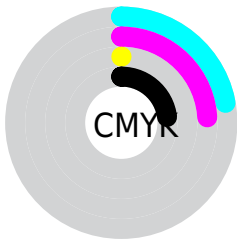
Distribution



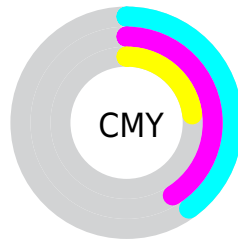
- Red (60%)
- Green (59%)
- Blue (77%)



- Red (60%)
- Yellow (59%)
- Blue (77%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (41%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.332, 295.882 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, 26.332, 295.882 by changing the saturation by 10% instead.

 64, 26.332,
295.882

 64, 26.332,
295.882


 100, 26.332,
295.882


 54, 26.332,
295.882


 84, 26.332,
295.882

 44, 26.332,
295.882

 94, 26.332,
295.882

 34, 26.332,
295.882

 24, 26.332,
295.882

 14, 26.332,
295.882

 4, 26.332, 295.882

 0, 26.332, 295.882

64, 26.332,
295.882

64, 26.332,
295.882

57, 38.153,
297.153

71, 14.980,
294.787

51, 50.443,
298.612

77, 4.080, 293.855

45, 63.127,
300.247

84, 6.400, 113.042

39, 75.962,
301.999

90, 16.489,
112.361

33, 88.356,
303.733

96, 26.214,
111.776

29, 99.156,
305.216

99, 29.131,
107.964

25, 106.725,
306.160

24, 109.824,

Harmonies

Complementary

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



64, 26.332, 295.882



78, 24.918, 111.540

Rectangle

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



64, 26.332, 295.882



64, 26.332, 345.882



64, 26.332, 115.882



64, 26.332, 165.882

Sweetspot

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



64, 26.331, 295.881



94, 9.217, 294.142



75, 14.865, 206.553



50, 5.996, 294.198



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, 26.331, 295.881



77, 39.922, 296.571



66, 27.941, 312.968



38, 6.129, 294.353



19, 95.361, 306.588



1, 21.554, 293.992

Inverse Universe

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



68, 29.209, 328.183



82, 43.731, 328.508



77, 27.215, 130.868



39, 6.965, 327.336



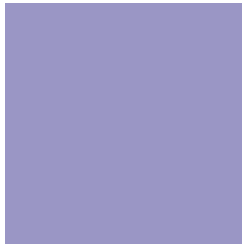
38, 77.460, 331.903



4, 24.851, 329.994

Previews

White Background



This preview shows how the CIELCh color 64, 26.332, 295.882 looks on a white background.

Color Contrast Check

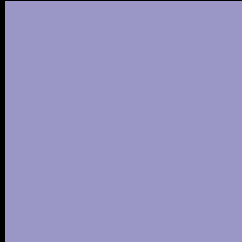
Large Text (above 18pt) WCAG AA × Fail

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, 26.332, 295.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

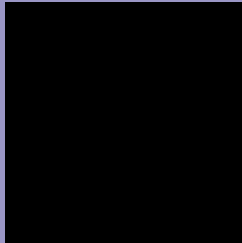
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.332, 295.882

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.332, 295.882.



This preview shows how white text looks on a background with the CIELCh color 64, 26.332, 295.882.

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, 26.332, 295.882

Protanopia

64, 25.780, 285.499

Deuteranopia

64, 25.123, 289.752



Tritanopia
64, 7.113, 269.743

Trichromacy



Original Color
64, 26.332, 295.882

Protanomaly
64, 25.690, 289.146

Deuteranomaly
64, 25.692, 292.127

Tritanomaly
64, 13.965, 287.270

Monochromacy



Original Color
64, 26.332, 295.882

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.488, 293.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.332, 295.882 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, 150, 197)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 197)  
}
```

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, 150, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.332, 295.882 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, 150, 197) }
```

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

```
.border{ border-color:rgb(154, 150, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 150, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 150, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 150, 197);  
box-shadow:4px 4px 4px 4px rgb(154, 150,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.332, 295.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 197) }
```

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

```
.background{ background-color: rgb(154,  
150, 197) }
```

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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