

Converting Colors

CIELCh(65, 24.164, 298.777)

Have a look what the booklet for
CIELCh(65, 24.164, 298.777)
contains.

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Color

CIELCh(65, 24.734, 299.108)

Conversions

Conversions Part 1

Format	Color
Hex	A098C4
RGB	160, 152, 196
RGB Percent	63%, 60%, 77%
CMY	0.3714, 0.4028, 0.2302
CMYK	0.18, 0.22, 0.00, 0.23
HSL	251°, 27%, 68%
HSV	251°, 22%, 77%
XYZ	35.8231, 34.0472, 57.0813
YIQ	159.4080, -9.3560, 15.3800

Conversions

Conversions Part 2

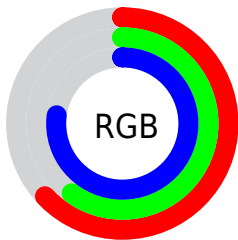
Format	Color
R_{YB}	160, 152, 196
Decimal	10524868
CIE _{Lab}	65.00, 12.03, -21.61
CIE _{LCh}	65, 24.734, 299.108
Yxy	34.0472, 0.2822, 0.2682
Android (android.graphics.Color)	4288714948 (0xFFA098C4)
YUV	159.4080, 18.0399, 0.5192
Hunter-Lab	58.3500, 7.4751, -17.1559

Details

The CIELCh color $65, 24.734, 299.108$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 23.552, 115.719$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 25.026, 299.123$, and $45, 24.713, 299.294$ is the 20% darker color. If you saturate the color by 10%, you get $59, 36.459, 300.119$, and if you desaturate by 10%, it is $71, 13.442, 298.225$.

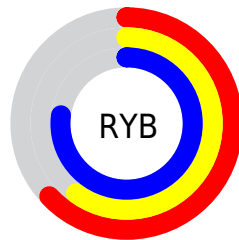
Distribution



Red (63%)

Green (60%)

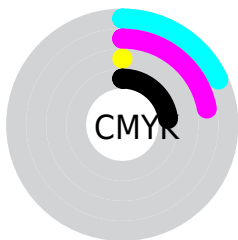
Blue (77%)



Red (63%)

Yellow (60%)

Blue (77%)

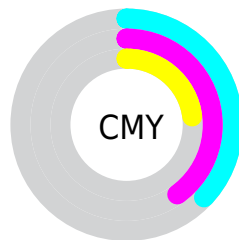


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (37%)


Magenta (40%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.734, 299.108 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 65, 24.734, 299.108 by changing the saturation by 10% instead.


 65, 24.734,
299.108


 65, 24.734,
299.108

 100, 24.734,
299.108


 55, 24.734,
299.108


 85, 24.734,
299.108

 45, 24.734,
299.108

 95, 24.734,
299.108

 35, 24.734,
299.108

 25, 24.734,
299.108

 15, 24.734,
299.108

 5, 24.734, 299.108

 0, 24.734, 299.108

65, 24.734,
299.108

65, 24.734,
299.108

59, 36.459,
300.119

71, 13.442,
298.225

52, 48.602,
301.263

78, 2.579, 297.460

84, 7.879, 116.805

46, 61.073,
302.524

90, 17.956,
116.239

40, 73.635,
303.854

97, 27.677,
115.754

35, 85.771,
305.149

99, 29.584,
107.929

30, 96.518,
306.232

27, 104.488,
306.869

25, 108.518,

Harmonies

Complementary

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



65, 24.734, 299.108



78, 23.552, 115.719

Rectangle

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



65, 24.734, 299.108



65, 24.734, 349.108



65, 24.734, 119.108



65, 24.734, 169.108

Sweetspot

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



65, 24.732, 299.107



95, 9.277, 297.805



74, 13.135, 216.197



50, 6.035, 297.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 24.732, 299.107



79, 37.189, 299.596



67, 26.608, 315.615



38, 6.037, 297.979



19, 93.408, 307.179



1, 19.590, 296.040

Inverse Universe

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



68, 25.598, 331.285



83, 38.117, 331.611



76, 26.108, 133.664



38, 6.370, 330.444



36, 71.111, 336.960



4, 20.384, 333.630

Previews

White Background



This preview shows how the CIELCh color 65, 24.734, 299.108 looks on a white background.

Color Contrast Check

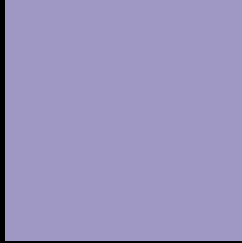
Large Text (above 18pt) WCAG AA × Fail

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 65, 24.734, 299.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

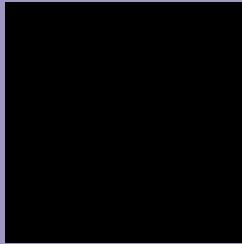
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.734, 299.108

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.734, 299.108.



This preview shows how white text looks on a background with the CIELCh color 65, 24.734, 299.108.

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

65, 24.734, 299.108

Protanopia

65, 24.016, 285.465

Deuteranopia

65, 22.805, 291.688



Tritanopia
65, 7.235, 288.028

Trichromacy



Original Color
65, 24.734, 299.108

Protanomaly
65, 23.920, 290.230

Deuteranomaly
65, 23.408, 294.281

Tritanomaly
65, 13.983, 296.067

Monochromacy



Original Color
65, 24.734, 299.108

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 8.980, 298.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.734, 299.108 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(160, 152, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 196)  
}
```

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(160, 152, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.734, 299.108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

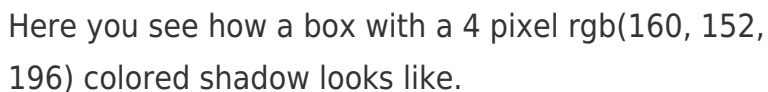
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 152, 196) }
```

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

```
.border{ border-color:rgb(160, 152, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 152, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.734, 299.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 196) }
```

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

```
.background{ background-color: rgb(160,  
152, 196) }
```

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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