

Converting Colors

CIELCh(65, 24.317, 291.608)

Have a look what the booklet for
CIELCh(65, 24.317, 291.608)
contains.

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Color

CIELCh(65, 24.495, 291.932)

Conversions

Conversions Part 1

Format	Color
Hex	999AC6
RGB	153, 154, 198
RGB Percent	60%, 60%, 78%
CMY	0.3993, 0.3954, 0.2228
CMYK	0.23, 0.22, 0.00, 0.22
HSL	239°, 28%, 69%
HSV	239°, 23%, 78%
XYZ	34.9721, 34.0472, 58.2703
YIQ	158.7170, -14.7200, 13.4720

Conversions

Conversions Part 2

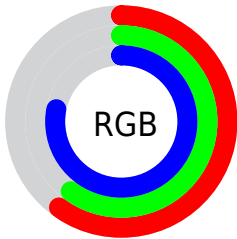
Format	Color
RYB	153, 154, 198
Decimal	10066630
CIELab	65.00, 9.15, -22.72
CIElCh	65, 24.495, 291.932
Yxy	34.0472, 0.2747, 0.2675
Android (android.graphics.Color)	4288256710 (0xFF999AC6)
YUV	158.7170, 19.3665, -5.0138
Hunter-Lab	58.3500, 4.8716, -18.3640

Details

The CIELCh color $65, 24.495, 291.932$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 23.288, 107.056$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.770, 292.255$, and $45, 24.494, 291.904$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.018, 293.441$, and if you desaturate by 10%, it is $72, 13.437, 290.647$.

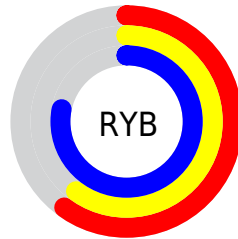
Distribution



Red (60%)

Green (60%)

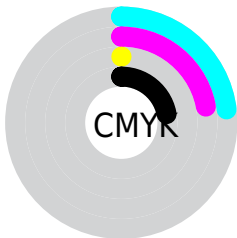
Blue (78%)



Red (60%)

Yellow (60%)

Blue (78%)

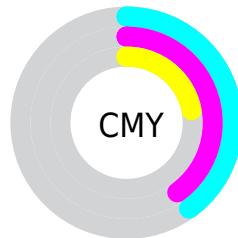


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (40%)


Magenta (40%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.495, 291.932 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, 24.495, 291.932 by changing the saturation by 10% instead.


 65, 24.495,
291.932


 65, 24.495,
291.932


 100, 24.495,
291.932


 55, 24.495,
291.932


 85, 24.495,
291.932

 45, 24.495,
291.932

 95, 24.495,
291.932

 35, 24.495,
291.932

 25, 24.495,
291.932

 15, 24.495,
291.932

 5, 24.495, 291.932

 0, 24.495, 291.932

65, 24.495,
291.932

65, 24.495,
291.932

58, 36.018,
293.441

72, 13.437,
290.647

52, 48.034,
295.202

78, 2.816, 289.576

85, 7.404, 108.612

45, 60.515,
297.213

91, 17.252,
107.826

39, 73.305,
299.428

98, 26.756,
107.150

34, 85.932,
301.710

99, 28.636,
108.002

29, 97.353,
303.803

26, 105.905,
305.372

24, 109.703,

Harmonies

Complementary

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



65, 24.495, 291.932



79, 23.288, 107.056

Rectangle

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



65, 24.495, 291.932



65, 24.495, 341.932



65, 24.495, 111.932



65, 24.495, 161.932

Sweetspot

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



65, 24.494, 291.931



94, 8.987, 290.018



77, 15.589, 195.272



50, 5.846, 290.083



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, 24.494, 291.931



78, 36.080, 292.610



66, 26.132, 309.009



38, 5.975, 290.266



19, 94.749, 305.977



1, 21.171, 291.188

Inverse Universe

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



67, 17.957, 19.360



82, 26.650, 19.886



77, 25.275, 126.836



39, 4.278, 18.125



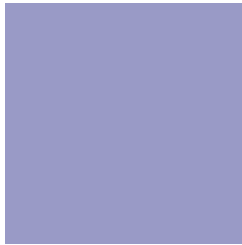
34, 73.751, 38.878



3, 15.892, 18.253

Previews

White Background



This preview shows how the CIELCh color 65, 24.495, 291.932 looks on a white background.

Color Contrast Check

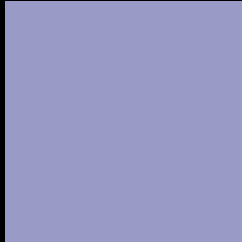
Large Text (above 18pt) WCAG AA × Fail

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, 24.495, 291.932 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, 24.495, 291.932

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.495, 291.932.



This preview shows how white text looks on a background with the CIELCh color 65, 24.495, 291.932.

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, 24.495, 291.932

Protanopia

65, 24.016, 285.465

Deuteranopia

65, 23.920, 290.230



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 24.495, 291.932

Protanomaly
65, 24.515, 288.017

Deuteranomaly
65, 23.920, 290.230

Tritanomaly
65, 14.064, 281.511

Monochromacy



Original Color
65, 24.495, 291.932

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.898, 291.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.495, 291.932 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(153, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 198)  
}
```

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(153, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.495, 291.932 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(153, 154, 198) }
```

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

```
.border{ border-color:rgb(153, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.495, 291.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 198) }
```

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

```
.background{ background-color: rgb(153,  
154, 198) }
```

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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