

Converting Colors

CIELCh(65, 28.166, 286.412)

Have a look what the booklet for
CIELCh(65, 28.166, 286.412)
contains.

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Color

CIELCh(65, 28.461, 286.543)

Conversions

Conversions Part 1

Format	Color
Hex	919BCE
RGB	145, 155, 206
RGB Percent	57%, 61%, 81%
CMY	0.4303, 0.3911, 0.1910
CMYK	0.30, 0.25, 0.00, 0.19
HSL	230°, 39%, 69%
HSV	230°, 30%, 81%
XYZ	34.6669, 34.0472, 63.3193
YIQ	157.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

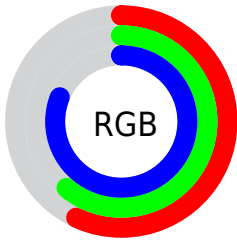
Format	Color
R_{YB}	145, 154, 206
Decimal	9542606
CIE _{Lab}	65.00, 8.10, -27.28
CIE _{LCh}	65, 28.461, 286.543
Y _{xy}	34.0472, 0.2626, 0.2579
Android (android.graphics.Color)	4287732686 (0xFF919BCE)
YUV	157.8240, 23.7508, -11.2466
Hunter-Lab	58.3500, 3.9381, -23.4944

Details

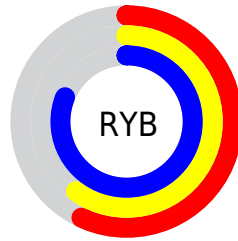
The CIELCh color $65, 28.461, 286.543$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 27.268, 99.158$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.343, 285.308$, and $45, 28.742, 286.876$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.746, 288.390$, and if you desaturate by 10%, it is $71, 18.529, 284.962$.

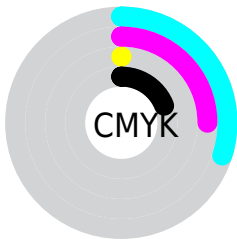
Distribution



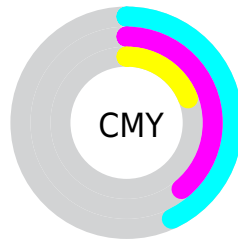
- Red (57%)
- Green (61%)
- Blue (81%)



- Red (57%)
- Yellow (60%)
- Blue (81%)



- Cyan (30%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)





- Cyan (43%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 28.461, 286.543 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, 28.461, 286.543 by changing the saturation by 10% instead.

 65, 28.461,
286.543

 65, 28.461,
286.543


 100, 28.461,
286.543


 55, 28.461,
286.543


 85, 28.461,
286.543

 45, 28.461,
286.543

 95, 28.461,
286.543

 35, 28.461,
286.543

 25, 28.461,
286.543

 15, 28.461,
286.543

 5, 28.461, 286.543

 0, 28.461, 286.543

■ 65, 28.461,
286.543

■ 65, 28.461,
286.543

■ 59, 38.746,
288.390

■ 71, 18.529,
284.962

■ 53, 49.418,
290.534

■ 77, 8.924, 283.619

■ 83, 0.380, 102.074

■ 47, 60.484,
292.979

■ 89, 9.404, 101.436

■ 42, 71.879,
295.681

■ 95, 18.165,
100.583

■ 36, 83.353,
298.519

■ 99, 24.590,
108.313

■ 32, 94.295,
301.271

■ 29, 103.675,
303.605

■ 28, 104.025,

303.686

Harmonies

Complementary

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



65, 28.461, 286.543



79, 27.268, 99.158

Rectangle

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



65, 28.461, 286.543



65, 28.461, 336.543



65, 28.461, 106.543



65, 28.461, 156.543

Sweetspot

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



65, 28.460, 286.542



94, 9.956, 283.562



79, 21.660, 183.206



49, 6.933, 283.744



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, 28.460, 286.542



75, 40.406, 287.590



64, 34.887, 304.927



40, 5.238, 283.596



22, 87.358, 303.335



3, 20.871, 288.074

Inverse Universe

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



66, 24.797, 9.266



77, 35.318, 10.159



80, 32.971, 121.418



40, 4.465, 6.830



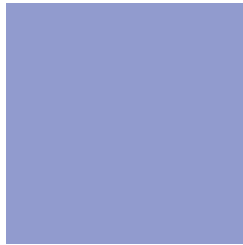
34, 68.640, 31.577



4, 18.122, 11.389

Previews

White Background



This preview shows how the CIELCh color 65, 28.461, 286.543 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, 28.461, 286.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

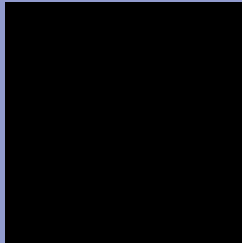
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 28.461, 286.543

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.461, 286.543.



This preview shows how white text looks on a background with the CIELCh color 65, 28.461, 286.543.

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

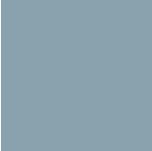
65, 28.461, 286.543

Protanopia

65, 28.491, 285.251

Deuteranopia

65, 28.434, 287.182



Tritanopia
65, 10.725, 241.458

Trichromacy



Original Color
65, 28.461, 286.543

Protanomaly
65, 28.491, 285.251

Deuteranomaly
65, 28.434, 287.182

Tritanomaly
65, 16.051, 269.044

Monochromacy



Original Color
65, 28.461, 286.543

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.636, 283.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 28.461, 286.543 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(145, 155, 206)` looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 206)  
}
```

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(145, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.461, 286.543 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(145, 155, 206) }
```

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

```
.border{ border-color:rgb(145, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.461, 286.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 206) }
```

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

```
.background{ background-color: rgb(145,  
155, 206) }
```

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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