

Converting Colors

CIELCh(65, 3.225, 272.846)

Have a look what the booklet for
CIELCh(65, 3.225, 272.846) contains.

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Color

CIELCh(65, 2.985, 268.342)

Conversions

Conversions Part 1

Format	Color
Hex	9B9EA3
RGB	155, 158, 163
RGB Percent	61%, 62%, 64%
CMY	0.3923, 0.3805, 0.3609
CMYK	0.05, 0.03, 0.00, 0.36
HSL	217°, 4%, 62%
HSV	217°, 5%, 64%
XYZ	32.3368, 34.0472, 39.4988
YIQ	157.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

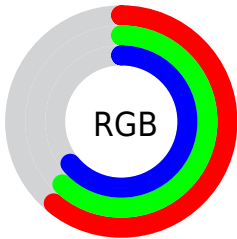
Format	Color
RYB	155, 157, 163
Decimal	10198691
CIELab	65.00, -0.09, -2.98
CIElCh	65, 2.985, 268.342
Yxy	34.0472, 0.3054, 0.3216
Android (android.graphics.Color)	4288388771 (0xFF9B9EA3)
YUV	157.6730, 2.6262, -2.3442
Hunter-Lab	58.3500, -3.1900, 0.7098

Details

The CIELCh color $65, 2.985, 268.342$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 2.981, 86.941$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 2.974, 261.829$, and $45, 2.655, 263.588$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.094, 269.670$, and if you desaturate by 10%, it is $69, 3.062, 86.946$.

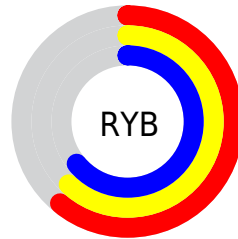
Distribution



Red (61%)

Green (62%)

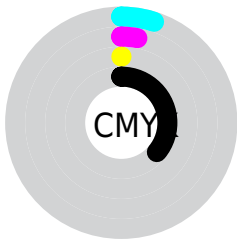
Blue (64%)



Red (61%)

Yellow (62%)

Blue (64%)

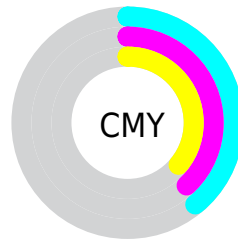


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (39%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 2.985, 268.342 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, 2.985, 268.342 by changing the saturation by 10% instead.

■ 65, 2.985, 268.342

■ 65, 2.985, 268.342

■ 100, 2.985,
268.342

■ 55, 2.985, 268.342

■ 85, 2.985, 268.342

■ 45, 2.985, 268.342

■ 95, 2.985, 268.342

■ 35, 2.985, 268.342

■ 25, 2.985, 268.342

■ 15, 2.985, 268.342

■ 5, 2.985, 268.342

■ 0, 2.985, 268.342

■ 65, 2.985, 268.342

■ 65, 2.985, 268.342

■ 61, 9.094, 269.670

■ 69, 3.062, 86.946

■ 57, 15.266,
271.302

■ 73, 9.038, 85.946

■ 53, 21.497,
273.219

■ 77, 14.940, 85.039

■ 81, 20.762, 84.238

■ 49, 27.793,
275.461

■ 85, 26.502, 83.529

■ 45, 34.169,
278.068

■ 89, 32.157, 82.898

■ 92, 35.553, 90.560

■ 41, 40.653,
281.062

■ 94, 39.276, 98.008

■ 38, 47.281,
284.428

■ 97, 43.523,
103.988

■ 34, 54.082,
288.091

■ 31, 61.036,
291.893

Harmonies

Complementary

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



65, 2.985, 268.342



66, 2.981, 86.941

Rectangle

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



65, 2.985, 268.342



65, 2.985, 318.342



65, 2.985, 88.342



65, 2.985, 138.342

Sweetspot

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



65, 2.984, 268.314



84, 0.757, 268.117



66, 3.488, 170.134



45, 0.434, 268.132



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 2.984, 268.314



82, 4.512, 268.457



64, 4.482, 295.150



33, 2.410, 268.503



26, 58.820, 293.306



2, 5.541, 270.593

Inverse Universe

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



65, 3.513, 351.281



81, 5.322, 351.412



67, 4.422, 114.380



33, 2.844, 351.452



30, 55.931, 12.924



1, 6.128, 353.246

Previews

White Background



This preview shows how the CIELCh color 65, 2.985, 268.342 looks on a white background.

Color Contrast Check

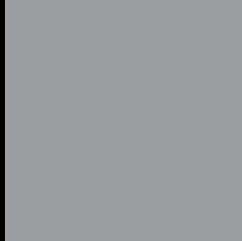
Large Text (above 18pt) WCAG AA × Fail

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, 2.985, 268.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

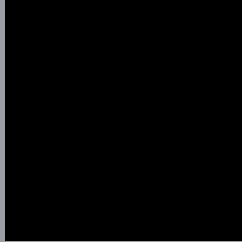
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

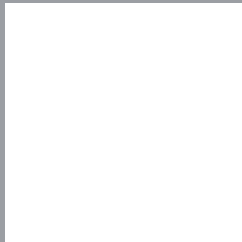
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 2.985, 268.342

Background



This preview shows how black text looks on a background with the CIELCh color 65, 2.985, 268.342.



This preview shows how white text looks on a background with the CIELCh color 65, 2.985, 268.342.

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, 2.985, 268.342

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 8.944, 337.183



Tritanopia
65, 6.680, 287.719

Trichromacy



Original Color
65, 2.985, 268.342

Protanomaly
65, 2.816, 298.196

Deuteranomaly
65, 6.314, 327.576

Tritanomaly
65, 5.571, 286.951

Monochromacy



Original Color
65, 2.985, 268.342

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.175, 271.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 2.985, 268.342 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(155, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 163)  
}
```

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(155, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 2.985, 268.342 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(155, 158, 163) }
```

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

```
.border{ border-color:rgb(155, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 2.985, 268.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 163) }
```

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

```
.background{ background-color: rgb(155,  
158, 163) }
```

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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