

Converting Colors

CIELCh(65, 3.699, 275.630)

Have a look what the booklet for
CIELCh(65, 3.699, 275.630) contains.

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Color

CIELCh(65, 3.504, 271.865)

Conversions

Conversions Part 1

Format	Color
Hex	9B9EA4
RGB	155, 158, 164
RGB Percent	61%, 62%, 64%
CMY	0.3926, 0.3808, 0.3573
CMYK	0.05, 0.04, 0.00, 0.36
HSL	220°, 5%, 63%
HSV	220°, 5%, 64%
XYZ	32.3925, 34.0472, 39.9311
YIQ	157.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

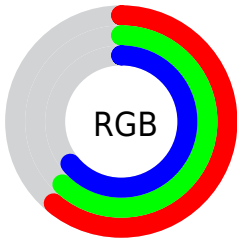
Format	Color
RYB	155, 157, 164
Decimal	10198692
CIELab	65.00, 0.11, -3.50
CIElCh	65, 3.504, 271.865
Yxy	34.0472, 0.3045, 0.3201
Android (android.graphics.Color)	4288388772 (0xFF9B9EA4)
YUV	157.7870, 3.0630, -2.4442
Hunter-Lab	58.3500, -3.0195, 0.2706

Details

The CIELCh color $65, 3.504, 271.865$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.493, 90.380$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.444, 266.095$, and $45, 3.196, 268.582$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.946, 273.201$, and if you desaturate by 10%, it is $69, 2.840, 90.505$.

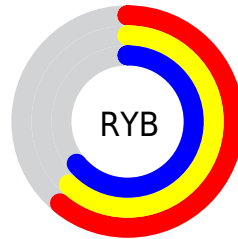
Distribution



Red (61%)

Green (62%)

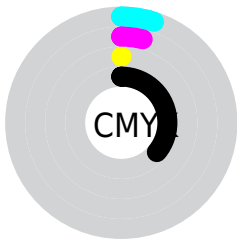
Blue (64%)



Red (61%)

Yellow (62%)

Blue (64%)

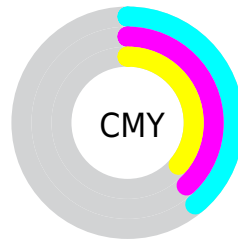


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (39%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.504, 271.865 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, 3.504, 271.865 by changing the saturation by 10% instead.

■ 65, 3.504, 271.865

■ 65, 3.504, 271.865

■ 100, 3.504,
271.865

■ 55, 3.504, 271.865

■ 85, 3.504, 271.865

■ 45, 3.504, 271.865

■ 95, 3.504, 271.865

■ 35, 3.504, 271.865

■ 25, 3.504, 271.865

■ 15, 3.504, 271.865

■ 5, 3.504, 271.865

■ 0, 3.504, 271.865

■ 65, 3.504, 271.865

■ 65, 3.504, 271.865

■ 61, 9.946, 273.201

■ 69, 2.840, 90.505

■ 57, 16.490,
274.819

■ 73, 9.082, 89.511

■ 52, 23.140,
276.713

■ 78, 15.223, 88.608

■ 82, 21.260, 87.811

■ 48, 29.908,
278.923

■ 86, 27.194, 87.105

■ 44, 36.813,
281.484

■ 90, 33.023, 86.476

■ 93, 36.892, 94.392

■ 40, 43.885,
284.410

■ 96, 41.215,
101.591

■ 36, 51.151,
287.674

■ 98, 45.494,
106.701

■ 33, 58.606,
291.186

■ 29, 66.163,
294.768

Harmonies

Complementary

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



65, 3.504, 271.865



66, 3.493, 90.380

Rectangle

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



65, 3.504, 271.865



65, 3.504, 321.865



65, 3.504, 91.865



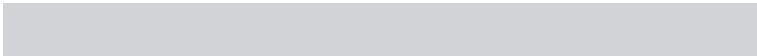
65, 3.504, 141.865

Sweetspot

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



65, 3.503, 271.843



85, 1.588, 271.507



67, 3.837, 172.208



45, 0.902, 271.502



93, 0.011, 296.813



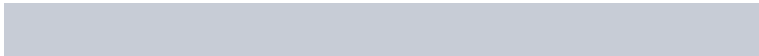
45, 0.006, 296.813

Same Dimension

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



65, 3.503, 271.843



82, 5.557, 272.044



64, 5.053, 296.468



33, 2.880, 272.079



24, 63.035, 295.870



2, 5.765, 273.536

Inverse Universe

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



65, 3.857, 354.064



82, 6.132, 354.243



67, 4.982, 115.661



33, 3.179, 354.272



30, 56.586, 16.841



1, 5.998, 355.803

Previews

White Background



This preview shows how the CIELCh color 65, 3.504, 271.865 looks on a white background.

Color Contrast Check

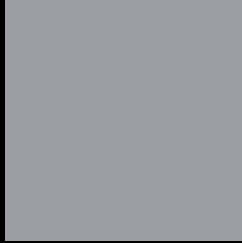
Large Text (above 18pt) WCAG AA × Fail

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, 3.504, 271.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

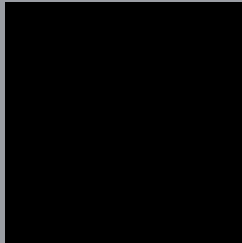
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

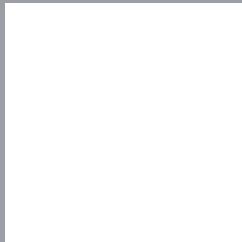
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.504, 271.865

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.504, 271.865.



This preview shows how white text looks on a background with the CIELCh color 65, 3.504, 271.865.

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, 3.504, 271.865

Protanopia

65, 3.435, 303.228

Deuteranopia

65, 9.327, 334.686



Tritanopia
65, 6.680, 287.719

Trichromacy



Original Color

65, 3.504, 271.865

Protanomaly

65, 3.368, 296.968

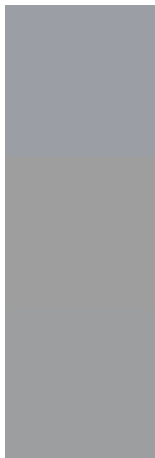
Deuteranomaly

65, 6.763, 324.734

Tritanomaly

65, 5.571, 286.951

Monochromacy



Original Color

65, 3.504, 271.865

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, 3.504, 271.865 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.504, 271.865 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, 164) }
```

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

```
.border{ border-color:rgb(155, 158, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 158, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 158, 164); box-shadow:4px 4px 4px 4px rgb(155, 158, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.504, 271.865 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, 164) }
```

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

```
.background{ background-color: rgb(155,  
158, 164) }
```

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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