

Converting Colors

CIELCh(35, 18.614, 264.656)

Have a look what the booklet for
CIELCh(35, 18.614, 264.656)
contains.

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Color

CIELCh(35, 18.590, 264.563)

Conversions

Conversions Part 1

Format	Color
Hex	3B5570
RGB	59, 85, 112
RGB Percent	23%, 33%, 44%
CMY	0.7705, 0.6685, 0.5627
CMYK	0.48, 0.24, 0.00, 0.56
HSL	211°, 31%, 33%
HSV	211°, 48%, 44%
XYZ	7.8848, 8.4984, 16.4117
YIQ	80.3040, -24.1630, 2.8850

Conversions

Conversions Part 2

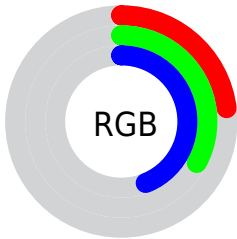
Format	Color
RYB	59, 76, 112
Decimal	3888496
CIELab	35.00, -1.76, -18.51
CIElCh	35, 18.590, 264.563
Yxy	8.4984, 0.2404, 0.2591
Android (android.graphics.Color)	4282078576 (0xFF3B5570)
YUV	80.3040, 15.6261, -18.6836
Hunter-Lab	29.1520, -2.7364, -12.9720

Details

The CIELCh color **35, 18.590, 264.563** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38, 21.007, 70.700**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 18.503, 263.687**, and **15, 18.631, 265.041** is the 20% darker color. If you saturate the color by 10%, you get **33, 22.341, 267.229**, and if you desaturate by 10%, it is **37, 14.776, 262.290**.

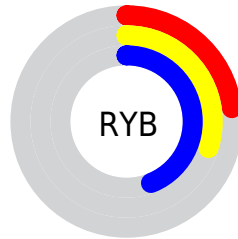
Distribution



 Red (23%)

 Green (33%)

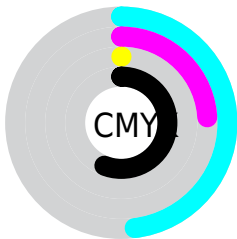
 Blue (44%)




 Red (23%)

 Yellow (30%)

 Blue (44%)

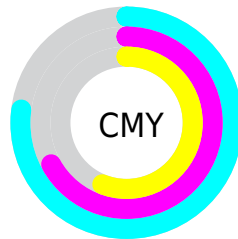


 Cyan (48%)

 Magenta (24%)

 Yellow (0%)

 Black (56%)



 Cyan (77%)


 Magenta (67%)


 Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 18.590, 264.563 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 35, 18.590, 264.563 by changing the saturation by 10% instead.


 35, 18.590,
264.563


 35, 18.590,
264.563

 100, 18.590,
264.563


 25, 18.590,
264.563

 55, 18.590,
264.563


 15, 18.590,
264.563


 65, 18.590,
264.563

 5, 18.590, 264.563

 75, 18.590,
264.563

 0, 18.590, 264.563

 85, 18.590,
264.563

 95, 18.590,
264.563

■ 35, 18.590,
264.563

■ 35, 18.590,
264.563

■ 33, 22.341,
267.229

■ 37, 14.776,
262.290

■ 30, 26.043,
270.325

■ 40, 10.901,
260.363

■ 28, 29.722,
273.859

■ 43, 6.974, 258.734

■ 26, 33.422,
277.787

■ 45, 3.007, 257.382

■ 48, 0.988, 75.871

■ 24, 37.223,
281.805

■ 50, 4.996, 75.036

■ 23, 38.198,
282.710

■ 53, 9.006, 74.168

■ 55, 13.009, 73.402

■ 58, 16.997, 72.727

Harmonies

Complementary

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



35, 18.590, 264.563



38, 21.007, 70.700

Rectangle

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



35, 18.590, 264.563



35, 18.590, 314.563



35, 18.590, 84.563



35, 18.590, 134.563

Sweetspot

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



35, 18.589, 264.562



56, 6.935, 258.278



43, 26.149, 159.057



28, 4.821, 258.523



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



35, 18.589, 264.562



43, 27.493, 267.519



27, 34.404, 296.487



22, 2.258, 257.563



25, 40.525, 283.100



52, 73.189, 285.815

Inverse Universe

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



32, 27.392, 348.847



39, 40.180, 350.459



46, 30.493, 105.883



22, 3.208, 344.804



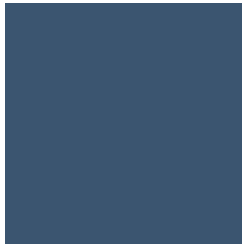
25, 48.572, 1.081



53, 82.619, 3.747

Previews

White Background



This preview shows how the CIE LCh color 35, 18.590, 264.563 looks on a white 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

Black Background



This preview shows how the CIE LCh color 35, 18.590, 264.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

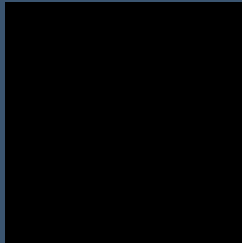
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

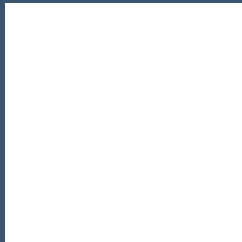
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 18.590, 264.563

Background



This preview shows how black text looks on a background with the CIELCh color 35, 18.590, 264.563.



This preview shows how white text looks on a background with the CIELCh color 35, 18.590, 264.563.

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


35, 18.590, 264.563

Protanopia

35, 17.592, 284.705

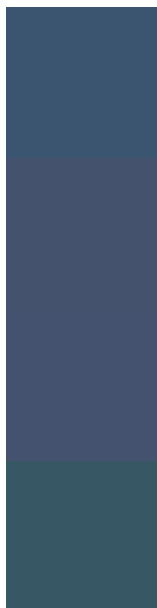
Deuteranopia

35, 19.467, 284.896



Tritanopia
35, 13.266, 217.234

Trichromacy



Original Color
35, 18.590, 264.563

Protanomaly
35, 17.984, 276.998

Deuteranomaly
35, 19.165, 278.377

Tritanomaly
35, 13.983, 237.195

Monochromacy



Original Color
35, 18.590, 264.563

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 6.808, 255.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 18.590, 264.563 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(59, 85, 112)` looks like.

```
.text, #text, p{  
    color:rgb(59, 85, 112)  
}
```

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(59, 85, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 85, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 18.590, 264.563 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(59, 85, 112) }
```

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

```
.border{ border-color:rgb(59, 85, 112) }
```

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

Here you see how a box with a 4 pixel rgb(59, 85, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 85, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 85, 112);  
box-shadow:4px 4px 4px 4px rgb(59, 85,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 18.590, 264.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 85, 112) }
```

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

```
.background{ background-color: rgb(59, 85,  
112) }
```

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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