

Converting Colors

CIELCh(35, 19.347, 263.591)

Have a look what the booklet for
CIELCh(35, 19.347, 263.591)
contains.

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Color

CIELCh(35, 19.479, 263.329)

Conversions

Conversions Part 1

Format	Color
Hex	385571
RGB	56, 85, 113
RGB Percent	22%, 33%, 44%
CMY	0.7810, 0.6672, 0.5575
CMYK	0.51, 0.25, 0.00, 0.56
HSL	209°, 34%, 33%
HSV	209°, 51%, 44%
XYZ	7.8306, 8.4984, 16.8037
YIQ	79.5210, -26.2720, 2.5600

Conversions

Conversions Part 2

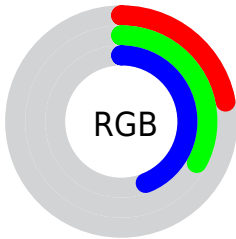
Format	Color
RYB	56, 75, 113
Decimal	3691889
CIELab	35.00, -2.26, -19.35
CIElCh	35, 19.479, 263.329
Yxy	8.4984, 0.2363, 0.2565
Android (android.graphics.Color)	4281881969 (0xFF385571)
YUV	79.5210, 16.5051, -20.6279
Hunter-Lab	29.1520, -3.0687, -13.7693

Details

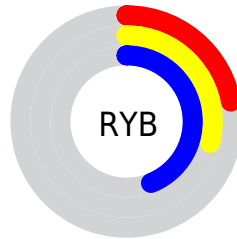
The CIELCh color **35, 19.479, 263.329** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38, 22.566, 68.531**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 19.766, 263.965**, and **15, 19.619, 263.725** is the 20% darker color. If you saturate the color by 10%, you get **33, 23.111, 266.133**, and if you desaturate by 10%, it is **37, 15.764, 260.942**.

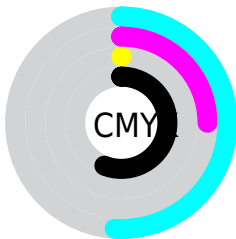
Distribution



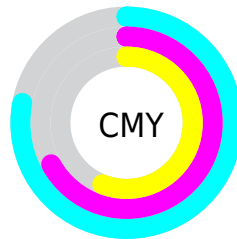
- Red (22%)
- Green (33%)
- Blue (44%)



- Red (22%)
- Yellow (29%)
- Blue (44%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (56%)





- Cyan (78%)
- Magenta (67%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.479, 263.329 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, 19.479, 263.329 by changing the saturation by 10% instead.


 35, 19.479,
263.329


 35, 19.479,
263.329

 100, 19.479,
263.329


 25, 19.479,
263.329

 55, 19.479,
263.329


 15, 19.479,
263.329


 65, 19.479,
263.329

 5, 19.479, 263.329

 75, 19.479,
263.329

 0, 19.479, 263.329

 85, 19.479,
263.329

 95, 19.479,
263.329

■ 35, 19.479,
263.329

■ 35, 19.479,
263.329

■ 33, 23.111,
266.133

■ 37, 15.764,
260.942

■ 30, 26.677,
269.387

■ 40, 11.969,
258.922

■ 28, 30.210,
273.091

■ 42, 8.102, 257.220

■ 26, 33.760,
277.186

■ 45, 4.176, 255.797

■ 47, 0.208, 255.690

■ 24, 37.250,
280.957

■ 50, 3.789, 73.381

■ 53, 7.800, 72.504

■ 55, 11.813, 71.726

■ 58, 15.820, 71.042

Harmonies

Complementary

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



35, 19.479, 263.329



38, 22.566, 68.531

Rectangle

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



35, 19.479, 263.329



35, 19.479, 313.329



35, 19.479, 83.329



35, 19.479, 133.329

Sweetspot

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



35, 19.478, 263.329



57, 7.420, 256.459



43, 28.324, 157.821



28, 5.025, 256.691



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, 19.478, 263.329



43, 29.022, 266.788



27, 36.479, 296.460



22, 2.226, 255.607



26, 39.130, 281.289



54, 70.576, 284.072

Inverse Universe

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



32, 29.586, 348.169



38, 43.549, 349.995



46, 32.118, 104.871



22, 3.247, 343.827



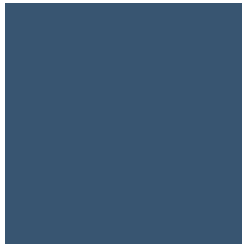
25, 48.754, 359.459



53, 82.814, 2.001

Previews

White Background



This preview shows how the CIELCh color 35, 19.479, 263.329 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, 19.479, 263.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

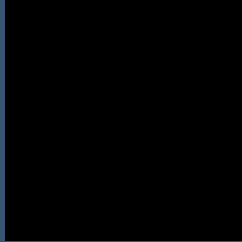
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

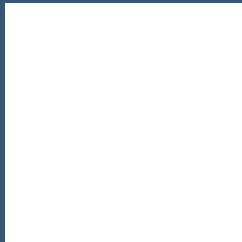
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 19.479, 263.329

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.479, 263.329.



This preview shows how white text looks on a background with the CIELCh color 35, 19.479, 263.329.

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, 19.479, 263.329

Protanopia

35, 18.204, 285.128

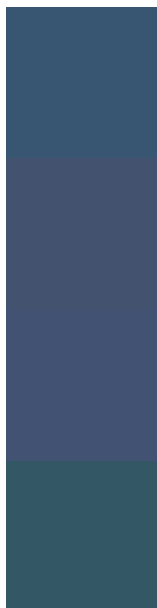
Deuteranopia

35, 20.728, 284.743



Tritanopia
35, 14.103, 215.949

Trichromacy



Original Color
35, 19.479, 263.329

Protanomaly
35, 18.651, 276.717

Deuteranomaly
35, 20.490, 277.845

Tritanomaly
35, 14.674, 234.976

Monochromacy



Original Color
35, 19.479, 263.329

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 7.325, 258.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.479, 263.329 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(56, 85, 113)` looks like.

```
.text, #text, p{  
    color:rgb(56, 85, 113)  
}
```

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(56, 85, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 85, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.479, 263.329 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(56, 85, 113) }
```

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

```
.border{ border-color:rgb(56, 85, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 85, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(56, 85,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.479, 263.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 85, 113) }
```

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

```
.background{ background-color: rgb(56, 85,  
113) }
```

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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