

Converting Colors

CIELCh(35, 24.875, 275.954)

Have a look what the booklet for
CIELCh(35, 24.875, 275.954)
contains.

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Color

CIELCh(35, 25.096, 276.349)

Conversions

Conversions Part 1

Format	Color
Hex	3B537A
RGB	59, 83, 122
RGB Percent	23%, 33%, 48%
CMY	0.7691, 0.6749, 0.5220
CMYK	0.52, 0.32, 0.00, 0.52
HSL	217°, 35%, 35%
HSV	217°, 52%, 48%
XYZ	8.3873, 8.4984, 19.5723
YIQ	80.2700, -26.8230, 7.0410

Conversions

Conversions Part 2

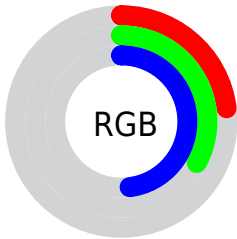
Format	Color
RYB	59, 76, 122
Decimal	3887994
CIELab	35.00, 2.78, -24.94
CIElCh	35, 25.096, 276.349
Yxy	8.4984, 0.2301, 0.2331
Android (android.graphics.Color)	4282078074 (0xFF3B537A)
YUV	80.2700, 20.5729, -18.6538
Hunter-Lab	29.1520, 0.3399, -19.4002

Details

The CIELCh color **35, 25.096, 276.349** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43, 26.105, 80.481**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 25.429, 276.721**, and **15, 24.807, 275.755** is the 20% darker color. If you saturate the color by 10%, you get **32, 30.109, 279.098**, and if you desaturate by 10%, it is **38, 20.147, 273.964**.

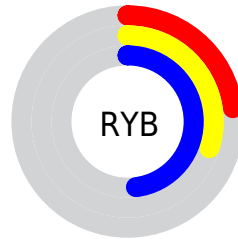
Distribution



Red (23%)

Green (33%)

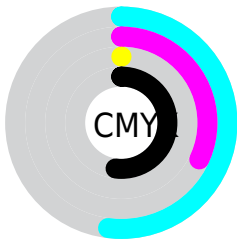
Blue (48%)



Red (23%)

Yellow (30%)

Blue (48%)

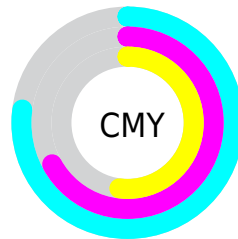


Cyan (52%)

Magenta (32%)

Yellow (0%)

Black (52%)



Cyan (77%)


Magenta (67%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 25.096, 276.349 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, 25.096, 276.349 by changing the saturation by 10% instead.


 35, 25.096,
276.349


 35, 25.096,
276.349

 100, 25.096,
276.349


 25, 25.096,
276.349

 55, 25.096,
276.349


 15, 25.096,
276.349


 65, 25.096,
276.349

 5, 25.096, 276.349

 75, 25.096,
276.349

 0, 25.096, 276.349

 85, 25.096,
276.349

 95, 25.096,
276.349

■ 35, 25.096,
276.349

■ 35, 25.096,
276.349

■ 32, 30.109,
279.098

■ 38, 20.147,
273.964

■ 29, 35.214,
282.216

■ 41, 15.249,
271.913

■ 26, 40.437,
285.665

■ 44, 10.392,
270.155

■ 24, 45.792,
289.344

■ 47, 5.577, 268.657

■ 22, 50.355,
292.219

■ 51, 0.805, 267.555

■ 54, 3.919, 86.137

■ 57, 8.592, 85.179

■ 60, 13.209, 84.324

■ 63, 17.767, 83.566

Harmonies

Complementary

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



35, 25.096, 276.349



43, 26.105, 80.481

Rectangle

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



35, 25.096, 276.349



35, 25.096, 326.349



35, 25.096, 96.349



35, 25.096, 146.349

Sweetspot

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



35, 25.095, 276.349



59, 9.466, 269.331



47, 27.449, 165.070



29, 6.360, 269.573



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



35, 25.095, 276.349



41, 37.484, 279.637



29, 40.602, 300.382



24, 2.695, 268.307



22, 51.402, 292.326



46, 91.525, 294.473

Inverse Universe

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



34, 30.375, 356.748



40, 44.329, 359.107



49, 35.603, 110.936



24, 3.220, 351.328



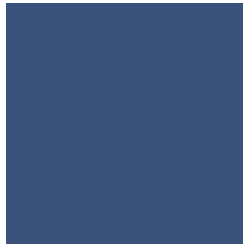
25, 49.987, 11.545



54, 84.756, 14.649

Previews

White Background



This preview shows how the CIE LCh color 35, 25.096, 276.349 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, 25.096, 276.349 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, 25.096, 276.349

Background



This preview shows how black text looks on a background with the CIELCh color 35, 25.096, 276.349.

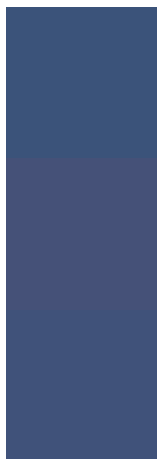


This preview shows how white text looks on a background with the CIELCh color 35, 25.096, 276.349.

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, 25.096, 276.349

Protanopia

35, 24.497, 284.633

Deuteranopia

35, 25.344, 280.821



Tritanopia
35, 14.103, 215.949

Trichromacy



Original Color
35, 25.096, 276.349

Protanomaly
35, 24.695, 281.004

Deuteranomaly
35, 25.460, 279.525

Tritanomaly
35, 15.963, 246.840

Monochromacy



Original Color
35, 25.096, 276.349

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 9.349, 269.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 25.096, 276.349 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, 83, 122)` looks like.

```
.text, #text, p{  
  color:rgb(59, 83, 122)  
}
```

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, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 83, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 25.096, 276.349 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, 83, 122) }
```

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

```
.border{ border-color:rgb(59, 83, 122) }
```

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

Here you see how a box with a 4 pixel rgb(59, 83, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 83, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 83, 122);  
box-shadow:4px 4px 4px 4px rgb(59, 83,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 25.096, 276.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 83, 122) }
```

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

```
.background{ background-color: rgb(59, 83,  
122) }
```

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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