

Converting Colors

CIELCh(35, 23.264, 274.947)

Have a look what the booklet for
CIELCh(35, 23.264, 274.947)
contains.

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Color

CIELCh(35, 23.302, 275.039)

Conversions

Conversions Part 1

Format	Color
Hex	3C5377
RGB	60, 83, 119
RGB Percent	24%, 33%, 47%
CMY	0.7643, 0.6741, 0.5330
CMYK	0.50, 0.30, 0.00, 0.53
HSL	217°, 33%, 35%
HSV	217°, 50%, 47%
XYZ	8.3052, 8.4984, 18.6860
YIQ	80.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

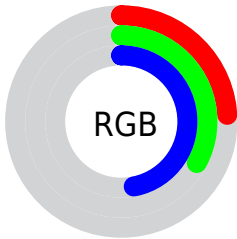
Format	Color
RYB	60, 77, 119
Decimal	3953527
CIELab	35.00, 2.05, -23.21
CIElCh	35, 23.302, 275.039
Yxy	8.4984, 0.2340, 0.2395
Android (android.graphics.Color)	4282143607 (0xFF3C5377)
YUV	80.2270, 19.1151, -17.7391
Hunter-Lab	29.1520, -0.1627, -17.5976

Details

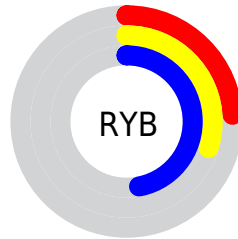
The CIELCh color **35, 23.302, 275.039** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42, 24.371, 80.020**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 23.196, 275.369**, and **15, 22.832, 273.846** is the 20% darker color. If you saturate the color by 10%, you get **32, 28.125, 277.711**, and if you desaturate by 10%, it is **38, 18.528, 272.728**.

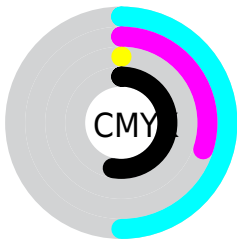
Distribution



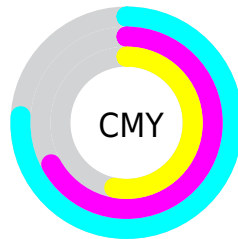
- Red (24%)
- Green (33%)
- Blue (47%)



- Red (24%)
- Yellow (30%)
- Blue (47%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)





- Cyan (76%)
- Magenta (67%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 23.302, 275.039 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, 23.302, 275.039 by changing the saturation by 10% instead.


 35, 23.302,
275.039


 35, 23.302,
275.039

 100, 23.302,
275.039


 25, 23.302,
275.039

 55, 23.302,
275.039


 15, 23.302,
275.039


 65, 23.302,
275.039

 5, 23.302, 275.039

 75, 23.302,
275.039

 0, 23.302, 275.039

 85, 23.302,
275.039

 95, 23.302,
275.039

■ 35, 23.302,
275.039

■ 35, 23.302,
275.039

■ 32, 28.125,
277.711

■ 38, 18.528,
272.728

■ 29, 33.022,
280.758

■ 41, 13.793,
270.743

■ 26, 38.021,
284.154

■ 44, 9.091, 269.044

■ 24, 43.145,
287.818

■ 47, 4.423, 267.600

■ 50, 0.208, 85.362

■ 21, 48.413,
291.367

■ 53, 4.796, 85.155

■ 21, 48.660,
291.516

■ 56, 9.338, 84.219

■ 59, 13.828, 83.386

■ 62, 18.263, 82.649

Harmonies

Complementary

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



35, 23.302, 275.039



42, 24.371, 80.020

Rectangle

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



35, 23.302, 275.039



35, 23.302, 325.039



35, 23.302, 95.039



35, 23.302, 145.039

Sweetspot

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



35, 23.301, 275.039



58, 8.673, 268.413



46, 26.319, 164.346



30, 5.967, 268.667



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, 23.301, 275.039



42, 34.697, 277.986



29, 38.028, 299.594



23, 2.577, 267.532



22, 49.775, 291.638



46, 89.410, 293.886

Inverse Universe

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



34, 28.703, 355.762



41, 41.998, 357.796



48, 33.557, 110.323



23, 3.123, 350.774



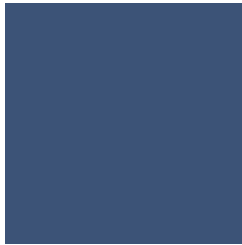
25, 49.179, 10.611



53, 83.905, 13.769

Previews

White Background



This preview shows how the CIE LCh color 35, 23.302, 275.039 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, 23.302, 275.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

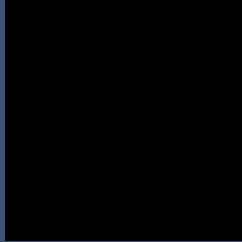
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 23.302, 275.039

Background



This preview shows how black text looks on a background with the CIELCh color 35, 23.302, 275.039.

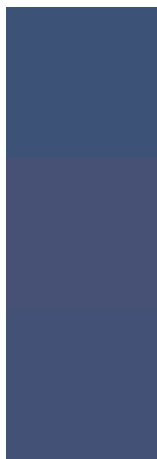


This preview shows how white text looks on a background with the CIELCh color 35, 23.302, 275.039.

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, 23.302, 275.039

Protanopia

35, 22.595, 285.045

Deuteranopia

35, 23.985, 282.747



Tritanopia
35, 13.549, 216.783

Trichromacy



Original Color
35, 23.302, 275.039

Protanomaly
35, 22.796, 280.966

Deuteranomaly
35, 23.570, 279.256

Tritanomaly
35, 15.186, 246.573

Monochromacy



Original Color
35, 23.302, 275.039

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 8.646, 270.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 23.302, 275.039 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(60, 83, 119)` looks like.

```
.text, #text, p{  
    color:rgb(60, 83, 119)  
}
```

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(60, 83, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 83, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 23.302, 275.039 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(60, 83, 119) }
```

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

```
.border{ border-color:rgb(60, 83, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 83, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 83, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 83, 119);  
box-shadow:4px 4px 4px 4px rgb(60, 83,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 23.302, 275.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 83, 119) }
```

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

```
.background{ background-color: rgb(60, 83,  
119) }
```

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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