

Converting Colors

CIELCh(34, 24.901, 279.819)

Have a look what the booklet for
CIELCh(34, 24.901, 279.819)
contains.

CIELCh(34, 24.901, 279.819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(34, 24.901, 279.819)

Conversions

Conversions Part 1

Format	Color
Hex	3D5077
RGB	61, 80, 119
RGB Percent	24%, 31%, 47%
CMY	0.7618, 0.6873, 0.5344
CMYK	0.49, 0.33, 0.00, 0.53
HSL	220°, 32%, 35%
HSV	220°, 49%, 47%
XYZ	8.0704, 8.0082, 18.4850
YIQ	78.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

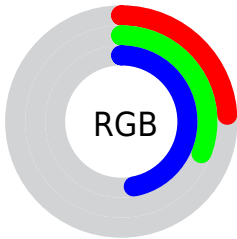
Format	Color
RYB	61, 75, 119
Decimal	4018295
CIELab	34.00, 4.25, -24.54
CIElCh	34, 24.901, 279.819
Yxy	8.0082, 0.2335, 0.2317
Android (android.graphics.Color)	4282208375 (0xFF3D5077)
YUV	78.7650, 19.8359, -15.5799
Hunter-Lab	28.2988, 1.3829, -18.9196

Details

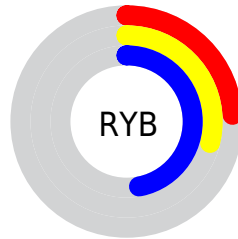
The CIELCh color **34, 24.901, 279.819** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43, 24.958, 85.430**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 24.640, 279.859**, and **14, 24.681, 279.500** is the 20% darker color. If you saturate the color by 10%, you get **31, 30.280, 282.358**, and if you desaturate by 10%, it is **37, 19.633, 277.613**.

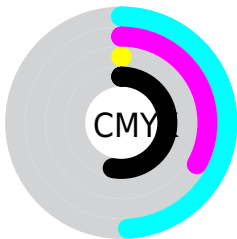
Distribution



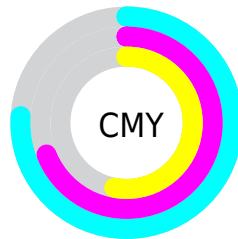
- Red (24%)
- Green (31%)
- Blue (47%)



- Red (24%)
- Yellow (29%)
- Blue (47%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (53%)





- Cyan (76%)
- Magenta (69%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 24.901, 279.819 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 34, 24.901, 279.819 by changing the saturation by 10% instead.


 34, 24.901,
279.819

 34, 24.901,
279.819

 100, 24.901,
279.819


 24, 24.901,
279.819

 54, 24.901,
279.819


 14, 24.901,
279.819

 64, 24.901,
279.819

 4, 24.901, 279.819

 74, 24.901,
279.819

 0, 24.901, 279.819

 84, 24.901,
279.819

 94, 24.901,
279.819

■ 34, 24.901,
279.819

■ 34, 24.901,
279.819

■ 31, 30.280,
282.358

■ 37, 19.633,
277.613

■ 28, 35.793,
285.238

■ 40, 14.461,
275.711

■ 25, 41.455,
288.425

■ 44, 9.375, 274.078

■ 22, 47.256,
291.827

■ 47, 4.369, 272.684

■ 50, 0.558, 91.134

■ 19, 53.142,
295.110

■ 54, 5.408, 90.331

■ 19, 53.824,
295.449

■ 57, 10.178, 89.416

■ 60, 14.870, 88.604

■ 63, 19.482, 87.883

Harmonies

Complementary

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



34, 24.901, 279.819



43, 24.958, 85.430

Rectangle

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



34, 24.901, 279.819



34, 24.901, 329.819



34, 24.901, 99.819



34, 24.901, 149.819

Sweetspot

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



34, 24.900, 279.819



58, 9.285, 273.568



46, 24.508, 168.697



29, 6.392, 273.816



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



34, 24.900, 279.819



40, 37.938, 282.815



29, 37.385, 301.368



23, 2.753, 272.706



20, 55.202, 295.572



43, 99.076, 297.576

Inverse Universe

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



34, 27.635, 359.980



40, 41.319, 2.332



48, 33.242, 113.388



23, 3.015, 354.800



25, 49.881, 16.360



53, 85.751, 19.718

Previews

White Background



This preview shows how the CIE LCh color 34, 24.901, 279.819 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 34, 24.901, 279.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

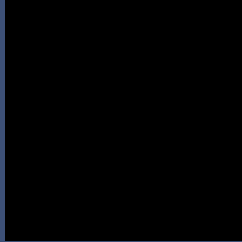
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 24.901, 279.819

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.901, 279.819.

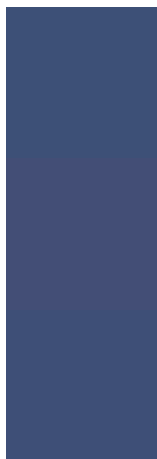


This preview shows how white text looks on a background with the CIELCh color 34, 24.901, 279.819.

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

34, 24.901, 279.819

Protanopia

34, 25.213, 285.919

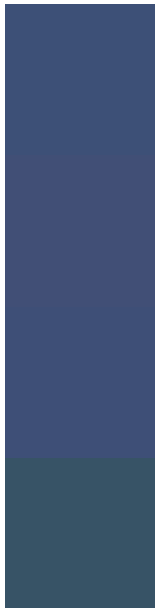
Deuteranopia

34, 25.432, 281.725



Tritanopia
34, 12.699, 218.301

Trichromacy



Original Color
34, 24.901, 279.819

Protanomaly
34, 24.681, 283.326

Deuteranomaly
34, 25.432, 281.725

Tritanomaly
34, 15.066, 251.359

Monochromacy



Original Color
34, 24.901, 279.819

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 9.150, 274.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.901, 279.819 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(61, 80, 119)` looks like.

```
.text, #text, p{  
    color:rgb(61, 80, 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(61, 80, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 80, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.901, 279.819 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(61, 80, 119) }
```

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

```
.border{ border-color:rgb(61, 80, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 80, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 80, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 80, 119);  
box-shadow:4px 4px 4px 4px rgb(61, 80,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.901, 279.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 80, 119) }
```

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

```
.background{ background-color: rgb(61, 80,  
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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