

Converting Colors

CIELCh(32, 34.251, 289.884)

Have a look what the booklet for
CIELCh(32, 34.251, 289.884)
contains.

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Color

CIELCh(32, 34.180, 289.799)

Conversions

Conversions Part 1

Format	Color
Hex	3C487E
RGB	60, 72, 126
RGB Percent	24%, 28%, 49%
CMY	0.7651, 0.7180, 0.5063
CMYK	0.52, 0.43, 0.00, 0.51
HSL	229°, 36%, 36%
HSV	229°, 52%, 49%
XYZ	7.9292, 7.0852, 20.6555
YIQ	74.5680, -24.4860, 14.2500

Conversions

Conversions Part 2

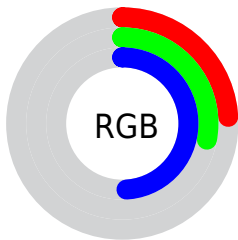
Format	Color
RYB	60, 70, 126
Decimal	3950718
CIELab	32.00, 11.58, -32.16
CIELCh	32, 34.180, 289.799
Yxy	7.0852, 0.2223, 0.1986
Android (android.graphics.Color)	4282140798 (0xFF3C487E)
YUV	74.5680, 25.3560, -12.7761
Hunter-Lab	26.6180, 6.5916, -27.3764

Details

The CIELCh color **32, 34.180, 289.799** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **48, 31.525, 95.581**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 34.281, 290.085**, and **12, 33.928, 289.549** is the 20% darker color. If you saturate the color by 10%, you get **28, 41.403, 292.200**, and if you desaturate by 10%, it is **36, 27.200, 287.684**.

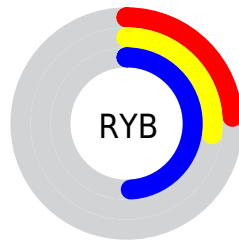
Distribution



Red (24%)

Green (28%)

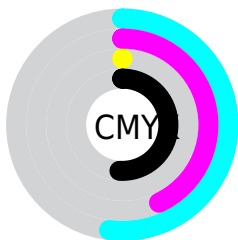
Blue (49%)



Red (24%)

Yellow (27%)

Blue (49%)

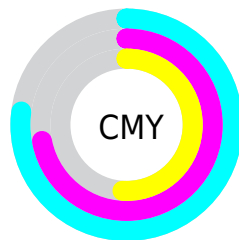


Cyan (52%)

Magenta (43%)

Yellow (0%)

Black (51%)



Cyan (77%)


Magenta (72%)


Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 34.180, 289.799 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 32, 34.180, 289.799 by changing the saturation by 10% instead.


 32, 34.180,
289.799


 32, 34.180,
289.799

 100, 34.180,
289.799


 22, 34.180,
289.799

 52, 34.180,
289.799


 12, 34.180,
289.799


 62, 34.180,
289.799

 2, 34.180, 289.799

 72, 34.180,
289.799

 0, 34.180, 289.799

 82, 34.180,
289.799

 92, 34.180,
289.799

■ 32, 34.180,
289.799

■ 32, 34.180,
289.799

■ 28, 41.403,
292.200

■ 36, 27.200,
287.684

■ 24, 48.839,
294.849

■ 40, 20.457,
285.847

■ 21, 56.362,
297.645

■ 44, 13.932,
284.266

■ 18, 63.656,
300.402

■ 48, 7.606, 282.911

■ 16, 68.765,
302.171

■ 52, 1.465, 281.796

■ 56, 4.504, 100.687

■ 60, 10.310, 99.820

■ 64, 15.962, 99.055

■ 67, 21.468, 98.381

Harmonies

Complementary

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



32, 34.180, 289.799



48, 31.525, 95.581

Rectangle

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



32, 34.180, 289.799



32, 34.180, 339.799



32, 34.180, 109.799



32, 34.180, 159.799

Sweetspot

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



32, 34.179, 289.800



59, 12.185, 283.422



48, 24.209, 179.641



29, 8.205, 283.644



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



32, 34.179, 289.800



36, 51.849, 292.728



31, 42.506, 306.113



25, 3.472, 282.509



16, 69.469, 302.205



0, 0.000, 0.000

Inverse Universe

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



34, 30.487, 11.650



41, 45.482, 14.665



50, 38.131, 119.672



25, 3.034, 5.367



26, 55.335, 28.917



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 32, 34.180, 289.799 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 32, 34.180, 289.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

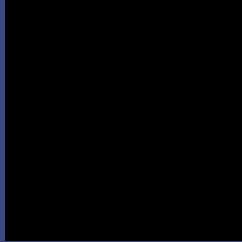
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 34.180, 289.799

Background



This preview shows how black text looks on a background with the CIELCh color 32, 34.180, 289.799.



This preview shows how white text looks on a background with the CIELCh color 32, 34.180, 289.799.

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

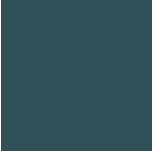
32, 34.180, 289.799

Protanopia

32, 34.377, 285.787

Deuteranopia

32, 31.784, 278.166



Tritanopia
32, 12.704, 218.470

Trichromacy



Original Color
32, 34.180, 289.799

Protanomaly
32, 34.278, 287.037

Deuteranomaly
32, 32.047, 281.942

Tritanomaly
32, 17.093, 262.519

Monochromacy



Original Color
32, 34.180, 289.799

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 12.772, 285.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 34.180, 289.799 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, 72, 126)` looks like.

```
.text, #text, p{  
    color:rgb(60, 72, 126)  
}
```

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, 72, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 72, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 34.180, 289.799 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, 72, 126) }
```

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

```
.border{ border-color:rgb(60, 72, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 72, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 72, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 72, 126);  
box-shadow:4px 4px 4px 4px rgb(60, 72,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 34.180, 289.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 72, 126) }
```

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

```
.background{ background-color: rgb(60, 72,  
126) }
```

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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