

Converting Colors

CIELCh(18, 32.819, 315.096)

Have a look what the booklet for
CIELCh(18, 32.819, 315.096)
contains.

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Color

CIELCh(18, 32.819, 315.096)

Conversions

Conversions Part 1

Format	Color
Hex	3C204E
RGB	60, 32, 78
RGB Percent	24%, 13%, 31%
CMY	0.7658, 0.8755, 0.6952
CMYK	0.23, 0.59, 0.00, 0.70
HSL	277°, 42%, 21%
HSV	277°, 59%, 30%
XYZ	3.7224, 2.5180, 7.4464
YIQ	45.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

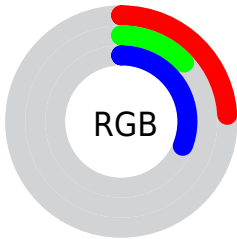
Format	Color
RYB	60, 32, 78
Decimal	3940430
CIELab	18.00, 23.25, -23.17
CIELCh	18, 32.819, 315.096
Yxy	2.5180, 0.2720, 0.1840
Android (android.graphics.Color)	4282130510 (0xFF3C204E)
YUV	45.6160, 15.9653, 12.6148
Hunter-Lab	15.8683, 14.1026, -16.7145

Details

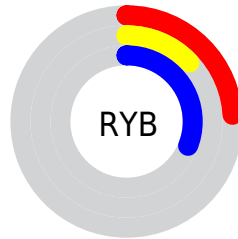
The CIELCh color **18, 32.819, 315.096** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **30, 31.016, 130.274**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 32.902, 315.447**, and **2, 20.738, 303.503** is the 20% darker color. If you saturate the color by 10%, you get **16, 38.031, 315.378**, and if you desaturate by 10%, it is **20, 27.315, 314.735**.

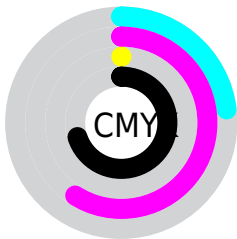
Distribution



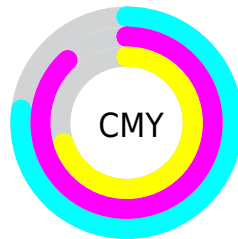
- Red (24%)
- Green (13%)
- Blue (31%)



- Red (24%)
- Yellow (13%)
- Blue (31%)



- Cyan (23%)
- Magenta (59%)
- Yellow (0%)
- Black (70%)



- Cyan (77%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 32.819, 315.096 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 18, 32.819, 315.096 by changing the saturation by 10% instead.

■ 18, 32.819,
315.096

■ 18, 32.819,
315.096

■ 100, 32.819,
315.096

■ 8, 32.819, 315.096

■ 38, 32.819,
315.096

■ 0, 32.819, 315.096

■ 48, 32.819,
315.096


■ 58, 32.819,
315.096


■ 68, 32.819,
315.096


■ 78, 32.819,
315.096


■ 88, 32.819,


315.096


 98, 32.819,
315.096


 18, 32.819,
315.096


 18, 32.819,
315.096


 16, 38.031,
315.378


 20, 27.315,
314.735


 14, 42.733,
315.531


 23, 21.683,
314.332

 12, 46.693,
315.505

 25, 16.032,
313.915

 10, 50.816,
315.611

 28, 10.434,
313.501

 10, 51.203,
315.634

 31, 4.932, 313.096

■ 33, 0.448, 132.912

■ 36, 5.694, 132.406

■ 39, 10.800,
132.081

■ 41, 15.768,
131.790

Harmonies

Complementary

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



18, 32.819, 315.096



30, 31.016, 130.274

Rectangle

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



18, 32.819, 315.096



18, 32.819, 5.096



18, 32.819, 135.096



18, 32.819, 185.096

Sweetspot

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



18, 32.818, 315.096



37, 12.274, 313.481



21, 19.332, 275.838



17, 8.436, 313.551



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



18, 32.818, 315.096



21, 48.551, 315.467



20, 32.250, 330.365



14, 2.967, 313.075



15, 61.947, 315.244



40, 112.720, 314.494

Inverse Universe

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



19, 23.968, 356.788



24, 34.973, 359.794



29, 32.532, 142.593



14, 2.175, 350.584



20, 43.134, 9.298



49, 78.587, 13.319

Previews

White Background



This preview shows how the CIE LCh color 18, 32.819, 315.096 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 18, 32.819, 315.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

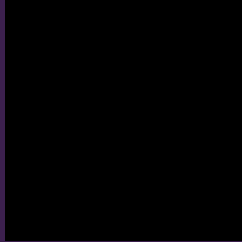
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 32.819, 315.096

Background



This preview shows how black text looks on a background with the CIELCh color 18, 32.819, 315.096.



This preview shows how white text looks on a background with the CIELCh color 18, 32.819, 315.096.

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

18, 32.819, 315.096

Protanopia

18, 31.913, 284.805

Deuteranopia

18, 21.325, 276.509



Tritanopia
18, 6.650, 3.012

Trichromacy



Original Color
18, 32.819, 315.096

Protanomaly
17, 31.757, 292.921

Deuteranomaly
18, 24.892, 293.035

Tritanomaly
18, 14.767, 325.926

Monochromacy



Original Color
18, 32.819, 315.096

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 12.601, 313.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 32.819, 315.096 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, 32, 78)` looks like.

```
.text, #text, p{  
    color:rgb(60, 32, 78)  
}
```

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, 32, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 32, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 32.819, 315.096 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, 32, 78) }
```

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

```
.border{ border-color:rgb(60, 32, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 32, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 32, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 32, 78);  
box-shadow:4px 4px 4px 4px rgb(60, 32, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 32.819, 315.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 32, 78) }
```

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

```
.background{ background-color: rgb(60, 32,  
78) }
```

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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