

Converting Colors

CIELCh(32, 15.640, 304.487)

Have a look what the booklet for
CIELCh(32, 15.640, 304.487)
contains.

CIELCh(32, 15.640, 304.487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(32, 15.640, 304.487)

Conversions

Conversions Part 1

Format	Color
Hex	4F475F
RGB	79, 71, 95
RGB Percent	31%, 28%, 37%
CMY	0.6883, 0.7197, 0.6255
CMYK	0.17, 0.25, 0.00, 0.63
HSL	260°, 14%, 33%
HSV	260°, 25%, 37%
XYZ	7.6365, 7.0852, 11.9103
YIQ	76.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

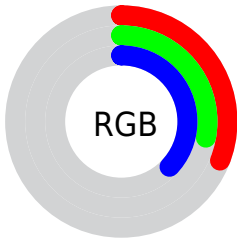
Format	Color
R_{YB}	79, 71, 95
Decimal	5195615
CIE _{Lab}	32.00, 8.86, -12.89
CIE _{LCh}	32, 15.640, 304.487
Yxy	7.0852, 0.2867, 0.2660
Android (android.graphics.Color)	4283385695 (0xFF4F475F)
YUV	76.1280, 9.3039, 2.5187
Hunter-Lab	26.6180, 4.6289, -7.8970

Details

The CIELCh color $32, 15.640, 304.487$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $39, 14.971, 121.769$, and the grayscale version is $33, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 16.145, 304.112$, and $12, 15.507, 303.836$ is the 20% darker color. If you saturate the color by 10%, you get $29, 22.190, 305.171$, and if you desaturate by 10%, it is $35, 9.275, 303.865$.

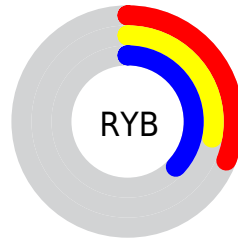
Distribution



Red (31%)

Green (28%)

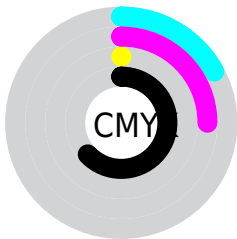
Blue (37%)



Red (31%)

Yellow (28%)

Blue (37%)

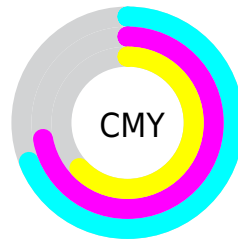


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (63%)



Cyan (69%)


Magenta (72%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 15.640, 304.487 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, 15.640, 304.487 by changing the saturation by 10% instead.


 32, 15.640,
304.487


 32, 15.640,
304.487

 100, 15.640,
304.487


 22, 15.640,
304.487

 52, 15.640,
304.487


 12, 15.640,
304.487


 62, 15.640,
304.487

 2, 15.640, 304.487

 72, 15.640,
304.487

 0, 15.640, 304.487

 82, 15.640,
304.487

 92, 15.640,
304.487

■ 32, 15.640,
304.487

■ 32, 15.640,
304.487

■ 29, 22.190,
305.171

■ 35, 9.275, 303.865

■ 25, 28.895,
305.913

■ 39, 3.108, 303.303

■ 22, 35.688,
306.690

■ 42, 2.862, 122.836

■ 19, 42.433,
307.464

■ 49, 14.234,
122.017

■ 16, 48.894,
308.168

■ 52, 19.655,
121.687

■ 13, 54.691,
308.699

■ 55, 24.910,
121.399

■ 11, 59.706,
309.079

■ 59, 30.011,
121.151

■ 10, 62.410,

■ 62, 34.965,

309.431

120.936

Harmonies

Complementary

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



32, 15.640, 304.487



39, 14.971, 121.769

Rectangle

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



32, 15.640, 304.487



32, 15.640, 354.487



32, 15.640, 124.487



32, 15.640, 174.487

Sweetspot

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



32, 15.639, 304.486



49, 6.042, 303.472



36, 7.860, 238.181



25, 4.335, 303.536



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



32, 15.639, 304.486



40, 23.475, 304.875



33, 17.236, 320.858



18, 3.440, 303.508



13, 70.080, 309.233



34, 123.426, 308.631

Inverse Universe

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



33, 14.329, 337.387



42, 21.330, 337.830



38, 17.083, 138.571



18, 3.204, 336.213



24, 49.798, 346.305



53, 86.031, 347.858

Previews

White Background



This preview shows how the CIELCh color 32, 15.640, 304.487 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 CIELCh color 32, 15.640, 304.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

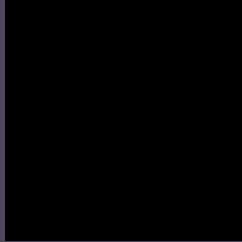
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 15.640, 304.487

Background



This preview shows how black text looks on a background with the CIELCh color 32, 15.640, 304.487.

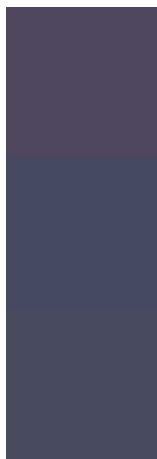


This preview shows how white text looks on a background with the CIELCh color 32, 15.640, 304.487.

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, 15.640, 304.487

Protanopia

32, 15.282, 285.761

Deuteranopia

32, 13.320, 289.179



Tritanopia
32, 4.035, 309.354

Trichromacy



Original Color
32, 15.640, 304.487

Protanomaly
32, 15.237, 292.848

Deuteranomaly
32, 14.005, 295.826

Tritanomaly
32, 8.544, 305.671

Monochromacy



Original Color
32, 15.640, 304.487

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 5.854, 303.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 15.640, 304.487 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(79, 71, 95)` looks like.

```
.text, #text, p{  
    color:rgb(79, 71, 95)  
}
```

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(79, 71, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 71, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 15.640, 304.487 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(79, 71, 95) }
```

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

```
.border{ border-color:rgb(79, 71, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 71, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 71, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 71, 95);  
box-shadow:4px 4px 4px 4px rgb(79, 71, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 15.640, 304.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 71, 95) }
```

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

```
.background{ background-color: rgb(79, 71,  
95) }
```

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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