

Converting Colors

CIELCh(32, 52.910, 295.496)

Have a look what the booklet for
CIELCh(32, 52.910, 295.496)
contains.

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Color

CIELCh(32, 52.810, 295.399)

Conversions

Conversions Part 1

Format	Color
Hex	374397
RGB	55, 67, 151
RGB Percent	22%, 26%, 59%
CMY	0.7836, 0.7368, 0.4073
CMYK	0.63, 0.56, 0.00, 0.41
HSL	233°, 47%, 40%
HSV	233°, 63%, 59%
XYZ	9.1970, 7.0852, 30.2234
YIQ	72.9880, -34.1160, 23.5800

Conversions

Conversions Part 2

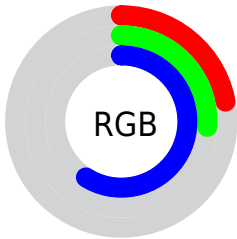
Format	Color
R_{YB}	55, 66, 151
Decimal	3621783
CIE _{Lab}	32.00, 22.65, -47.71
CIE _{LCh}	32, 52.810, 295.399
Yxy	7.0852, 0.1978, 0.1524
Android (android.graphics.Color)	4281811863 (0xFF374397)
YUV	72.9880, 38.4599, -15.7755
Hunter-Lab	26.6180, 15.0938, -48.6884

Details

The CIELCh color **32, 52.810, 295.399** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **57, 45.679, 97.801**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 52.723, 295.423**, and **13, 51.772, 298.571** is the 20% darker color. If you saturate the color by 10%, you get **28, 62.117, 297.971**, and if you desaturate by 10%, it is **37, 43.680, 293.020**.

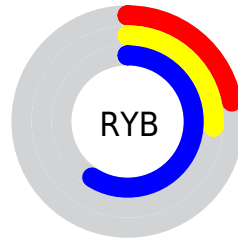
Distribution



 Red (22%)

 Green (26%)

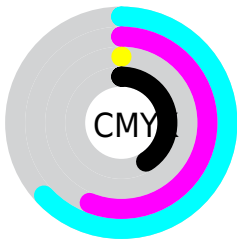
 Blue (59%)




 Red (22%)

 Yellow (26%)

 Blue (59%)

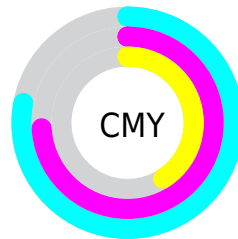


 Cyan (63%)

 Magenta (56%)

 Yellow (0%)

 Black (41%)



 Cyan (78%)


 Magenta (74%)


 Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 52.810, 295.399 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, 52.810, 295.399 by changing the saturation by 10% instead.


 32, 52.810,
295.399


 32, 52.810,
295.399

 100, 52.810,
295.399

 22, 52.810,
295.399

 52, 52.810,
295.399


 12, 52.810,
295.399


 62, 52.810,
295.399

 2, 52.810, 295.399

 72, 52.810,
295.399

 0, 52.810, 295.399

 82, 52.810,
295.399

 92, 52.810,
295.399

■ 32, 52.810,
295.399

■ 32, 52.810,
295.399

■ 28, 62.117,
297.971

■ 37, 43.680,
293.020

■ 24, 71.254,
300.575

■ 41, 34.852,
290.902

■ 20, 79.515,
302.960

■ 46, 26.350,
289.060

■ 19, 84.004,
304.171

■ 51, 18.160,
287.476

■ 56, 10.257,
286.122

■ 61, 2.620, 284.987

■ 66, 4.771, 103.931

■ 70, 11.932,
103.081

■ 75, 18.879,
102.337

Harmonies

Complementary

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



32, 52.810, 295.399



57, 45.679, 97.801

Rectangle

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



32, 52.810, 295.399



32, 52.810, 345.399



32, 52.810, 115.399



32, 52.810, 165.399

Sweetspot

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



32, 52.810, 295.400



68, 18.046, 286.892



57, 31.062, 182.859



34, 12.575, 287.263



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



32, 52.810, 295.400



35, 79.896, 299.025



32, 60.288, 308.454



30, 4.308, 285.609



17, 79.172, 304.036



1, 4.604, 284.691

Inverse Universe

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



37, 43.557, 19.081



45, 64.287, 23.896



58, 52.995, 121.332



30, 3.480, 9.870



28, 61.824, 33.346



1, 3.661, 9.330

Previews

White Background



This preview shows how the CIE LCh color 32, 52.810, 295.399 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, 52.810, 295.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

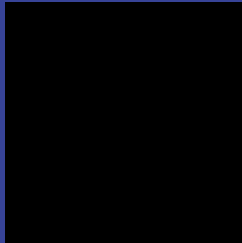
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 52.810, 295.399

Background



This preview shows how black text looks on a background with the CIELCh color 32, 52.810, 295.399.



This preview shows how white text looks on a background with the CIELCh color 32, 52.810, 295.399.

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, 52.810, 295.399

Protanopia

32, 52.087, 286.435

Deuteranopia

32, 37.065, 273.679



Tritanopia
32, 19.568, 210.169

Trichromacy



Original Color
32, 52.810, 295.399

Protanomaly
31, 52.614, 288.640

Deuteranomaly
31, 43.031, 282.606

Tritanomaly
31, 24.827, 263.210

Monochromacy



Original Color
32, 52.810, 295.399

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 19.134, 289.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 52.810, 295.399 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(55, 67, 151)` looks like.

```
.text, #text, p{  
    color:rgb(55, 67, 151)  
}
```

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(55, 67, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 67, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 52.810, 295.399 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(55, 67, 151) }
```

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

```
.border{ border-color:rgb(55, 67, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 67, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 67, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 67, 151);  
box-shadow:4px 4px 4px 4px rgb(55, 67,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 52.810, 295.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 67, 151) }
```

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

```
.background{ background-color: rgb(55, 67,  
151) }
```

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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