

Converting Colors

CIELCh(32, 9.078, 318.878)

Have a look what the booklet for
CIELCh(32, 9.078, 318.878) contains.

CIELCh(32, 9.302, 318.478)	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(32, 9.302, 318.478)

Conversions

Conversions Part 1

Format	Color
Hex	524855
RGB	82, 72, 85
RGB Percent	32%, 28%, 33%
CMY	0.6784, 0.7176, 0.6667
CMYK	0.04, 0.15, 0.00, 0.67
HSL	286°, 8%, 31%
HSV	286°, 15%, 33%
XYZ	7.4374, 7.0852, 9.5707
YIQ	76.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

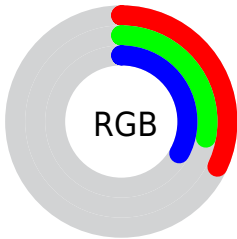
Format	Color
R_{YB}	82, 72, 85
Decimal	5392469
CIE _{Lab}	32.00, 6.96, -6.17
CIE _{LCh}	32, 9.302, 318.478
Yxy	7.0852, 0.3087, 0.2941
Android (android.graphics.Color)	4283582549 (0xFF524855)
YUV	76.4720, 4.2043, 4.8481
Hunter-Lab	26.6180, 3.2940, -2.6855

Details

The CIELCh color **32, 9.302, 318.478** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35, 9.225, 137.246**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 9.768, 317.219**, and **12, 8.846, 317.515** is the 20% darker color. If you saturate the color by 10%, you get **29, 15.485, 318.886**, and if you desaturate by 10%, it is **35, 3.192, 318.056**.

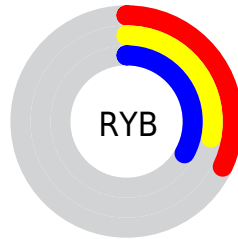
Distribution



Red (32%)

Green (28%)

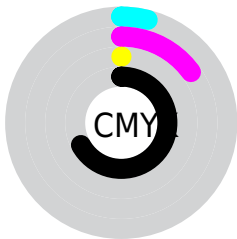
Blue (33%)



Red (32%)

Yellow (28%)

Blue (33%)

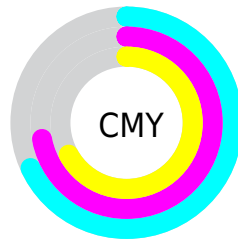


Cyan (4%)

Magenta (15%)

Yellow (0%)

Black (67%)



Cyan (68%)

Magenta (72%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 9.302, 318.478 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, 9.302, 318.478 by changing the saturation by 10% instead.

■ 32, 9.302, 318.478

■ 32, 9.302, 318.478

■ 100, 9.302,
318.478

■ 22, 9.302, 318.478

■ 52, 9.302, 318.478

■ 12, 9.302, 318.478

■ 62, 9.302, 318.478

■ 2, 9.302, 318.478

■ 72, 9.302, 318.478

■ 0, 9.302, 318.478

■ 82, 9.302, 318.478

■ 92, 9.302, 318.478

■ 32, 9.302, 318.478

■ 32, 9.302, 318.478

■ 29, 15.485,
318.886

■ 35, 3.192, 318.056

27, 21.684,
319.286

37, 2.801, 137.743

24, 27.802,
319.661

40, 8.657, 137.350

22, 33.703,
319.989

43, 14.364,
137.000

20, 39.206,
320.241

46, 19.917,
136.677

18, 44.081,
320.382

49, 25.318,
136.380

16, 48.081,
320.372

51, 30.570,
136.106

15, 51.379,
320.259

54, 35.678,
135.857

14, 53.047,
320.246

57, 40.648,
135.629

Harmonies

Complementary

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



32, 9.302, 318.478



35, 9.225, 137.246

Rectangle

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



32, 9.302, 318.478



32, 9.302, 8.478



32, 9.302, 138.478



32, 9.302, 188.478

Sweetspot

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



32, 9.301, 318.477



45, 3.722, 318.050



32, 6.411, 280.118



22, 2.560, 318.070



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 9.301, 318.477



40, 13.542, 318.613



32, 8.255, 333.885



16, 3.441, 318.209



20, 62.382, 320.024



47, 111.153, 319.520

Inverse Universe

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



32, 6.078, 2.262



40, 8.890, 2.608



35, 8.212, 152.006



16, 2.228, 1.611



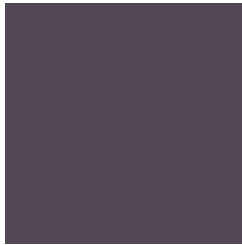
21, 47.078, 23.921



49, 86.183, 27.984

Previews

White Background



This preview shows how the CIELCh color 32, 9.302, 318.478 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, 9.302, 318.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

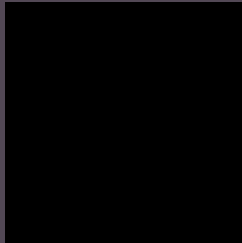
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 9.302, 318.478

Background



This preview shows how black text looks on a background with the CIELCh color 32, 9.302, 318.478.

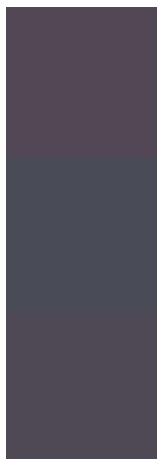


This preview shows how white text looks on a background with the CIELCh color 32, 9.302, 318.478.

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, 9.302, 318.478

Protanopia

32, 7.629, 285.403

Deuteranopia

32, 7.932, 306.750



Tritanopia
32, 5.167, 332.889

Trichromacy



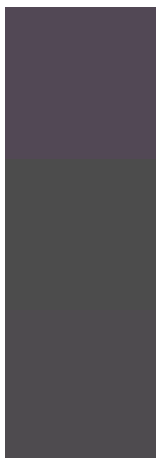
Original Color
32, 9.302, 318.478

Protanomaly
32, 7.673, 297.701

Deuteranomaly
32, 8.054, 309.648

Tritanomaly
32, 6.152, 324.911

Monochromacy



Original Color
32, 9.302, 318.478

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 2.859, 317.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 9.302, 318.478 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(82, 72, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 72, 85)  
}
```

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(82, 72, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 72, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 9.302, 318.478 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(82, 72, 85) }
```

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

```
.border{ border-color:rgb(82, 72, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 72, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 72, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 72, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 72, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 9.302, 318.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 72, 85) }
```

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

```
.background{ background-color: rgb(82, 72,  
85) }
```

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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