

Converting Colors

CIELCh(32, 10.037, 347.087)

Have a look what the booklet for
CIELCh(32, 10.037, 347.087)
contains.

CIELCh(32, 10.076, 346.849)	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, 10.076, 346.849)

Conversions

Conversions Part 1

Format	Color
Hex	59464F
RGB	89, 70, 79
RGB Percent	35%, 27%, 31%
CMY	0.6506, 0.7251, 0.6899
CMYK	0.00, 0.21, 0.11, 0.65
HSL	332°, 12%, 31%
HSV	332°, 21%, 35%
XYZ	7.7385, 7.0852, 8.3736
YIQ	76.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

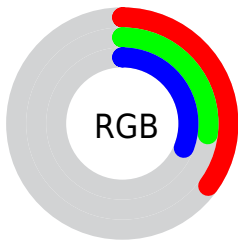
Format	Color
RYB	89, 70, 79
Decimal	5850703
CIELab	32.00, 9.81, -2.29
CIELCh	32, 10.076, 346.849
Yxy	7.0852, 0.3336, 0.3054
Android (android.graphics.Color)	4284040783 (0xFF59464F)
YUV	76.7070, 1.1304, 10.7810
Hunter-Lab	26.6180, 5.3127, -0.0190

Details

The CIELCh color $32, 10.076, 346.849$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $36, 9.798, 163.359$, and the grayscale version is $33, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 10.250, 346.207$, and $12, 9.771, 346.432$ is the 20% darker color. If you saturate the color by 10%, you get $29, 14.900, 347.842$, and if you desaturate by 10%, it is $35, 5.295, 345.951$.

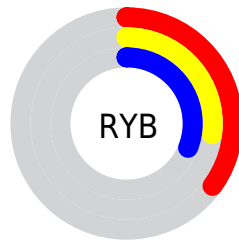
Distribution



Red (35%)

Green (27%)

Blue (31%)



Red (35%)

Yellow (27%)

Blue (31%)

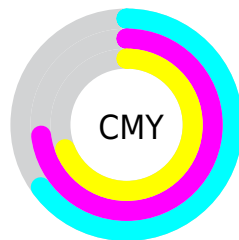


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (65%)



Cyan (65%)


Magenta (73%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 10.076, 346.849 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, 10.076, 346.849 by changing the saturation by 10% instead.


 32, 10.076,
346.849


 32, 10.076,
346.849

 100, 10.076,
346.849


 22, 10.076,
346.849

 52, 10.076,
346.849


 12, 10.076,
346.849


 62, 10.076,
346.849

 2, 10.076, 346.849

 72, 10.076,
346.849

 0, 10.076, 346.849

 82, 10.076,
346.849

 92, 10.076,
346.849

32, 10.076,
346.849

32, 10.076,
346.849

29, 14.900,
347.842

35, 5.295, 345.951

27, 19.688,
348.962

37, 0.616, 344.823

40, 3.933, 164.531

25, 24.312,
350.253

43, 8.337, 163.832

22, 28.607,
351.774

46, 12.592,
163.206

21, 32.369,
353.606

49, 16.700,
162.629

19, 35.393,
355.855

52, 20.668,
162.093

18, 37.562,
358.619

55, 24.504,
161.594

17, 39.425, 0.987

57, 28.218,

Harmonies

Complementary

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



32, 10.076, 346.849



36, 9.798, 163.359

Rectangle

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



32, 10.076, 346.849



32, 10.076, 36.849



32, 10.076, 166.849



32, 10.076, 216.849

Sweetspot

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



32, 10.075, 346.851



46, 3.434, 345.496



31, 12.808, 310.548



23, 2.297, 345.528



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



32, 10.075, 346.851



40, 15.196, 347.381



32, 8.539, 22.094



16, 2.550, 345.725



21, 44.754, 2.072



50, 79.286, 5.297

Inverse Universe

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



32, 10.075, 346.851



40, 15.196, 347.381



36, 7.499, 199.943



16, 2.550, 345.725



21, 44.754, 2.072



50, 79.286, 5.297

Previews

White Background



This preview shows how the CIE LCh color 32, 10.076, 346.849 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, 10.076, 346.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

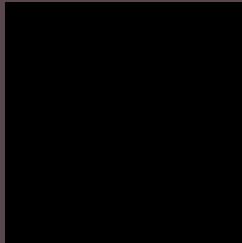
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 10.076, 346.849

Background



This preview shows how black text looks on a background with the CIELCh color 32, 10.076, 346.849.

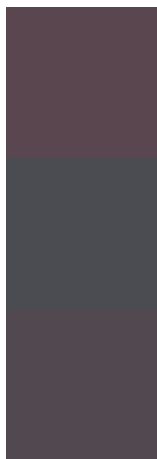


This preview shows how white text looks on a background with the CIELCh color 32, 10.076, 346.849.

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, 10.076, 346.849

Protanopia

32, 4.437, 290.974

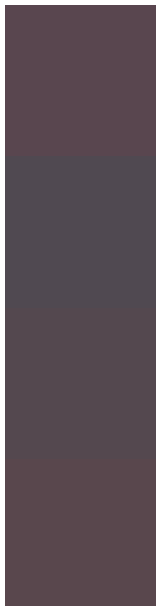
Deuteranopia

32, 5.167, 332.889



Tritanopia
32, 8.592, 359.388

Trichromacy



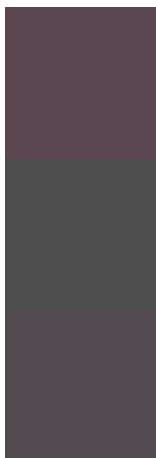
Original Color
32, 10.076, 346.849

Protanomaly
32, 5.922, 321.408

Deuteranomaly
32, 6.867, 340.409

Tritanomaly
32, 8.812, 355.529

Monochromacy



Original Color
32, 10.076, 346.849

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 3.977, 340.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 10.076, 346.849 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(89, 70, 79)` looks like.

```
.text, #text, p{  
    color:rgb(89, 70, 79)  
}
```

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(89, 70, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 70, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 10.076, 346.849 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(89, 70, 79) }
```

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

```
.border{ border-color:rgb(89, 70, 79) }
```

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

Here you see how a box with a 4 pixel rgb(89, 70, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 70, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 70, 79);  
box-shadow:4px 4px 4px 4px rgb(89, 70, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 10.076, 346.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 70, 79) }
```

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

```
.background{ background-color: rgb(89, 70,  
79) }
```

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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