

Converting Colors

CIELCh(29, 8.301, 352.268)

Have a look what the booklet for
CIELCh(29, 8.301, 352.268) contains.

CIELCh(29, 8.144, 352.718)	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(29, 8.144, 352.718)

Conversions

Conversions Part 1

Format	Color
Hex	504046
RGB	80, 64, 70
RGB Percent	31%, 25%, 27%
CMY	0.6857, 0.7485, 0.7249
CMYK	0.00, 0.20, 0.12, 0.69
HSL	338°, 11%, 28%
HSV	338°, 20%, 31%
XYZ	6.2714, 5.8380, 6.6137
YIQ	69.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

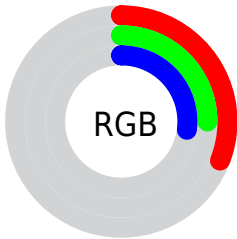
Format	Color
R _Y B	80, 64, 70
Decimal	5259334
CIE Lab	29.00, 8.08, -1.03
CIE LCh	29, 8.144, 352.718
Yxy	5.8380, 0.3350, 0.3118
Android (android.graphics.Color)	4283449414 (0xFF504046)
YUV	69.4680, 0.2623, 9.2366
Hunter-Lab	24.1619, 4.0476, 0.6843

Details

The CIELCh color **29, 8.144, 352.718** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 7.829, 169.316**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 7.794, 353.563**, and **9, 8.463, 350.761** is the 20% darker color. If you saturate the color by 10%, you get **27, 12.362, 353.790**, and if you desaturate by 10%, it is **32, 4.007, 351.759**.

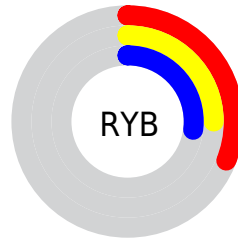
Distribution



Red (31%)

Green (25%)

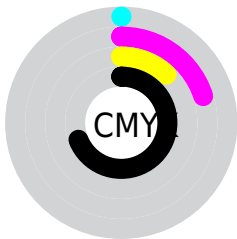
Blue (27%)



Red (31%)

Yellow (25%)

Blue (27%)

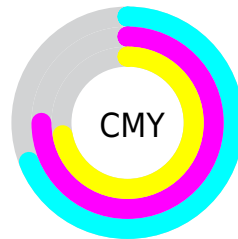


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (69%)



Cyan (69%)

Magenta (75%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 8.144, 352.718 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 29, 8.144, 352.718 by changing the saturation by 10% instead.

■ 29, 8.144, 352.718

■ 29, 8.144, 352.718

■ 100, 8.144,
352.718

■ 19, 8.144, 352.718

■ 49, 8.144, 352.718

■ 9, 8.144, 352.718

■ 59, 8.144, 352.718

■ 0, 8.144, 352.718

■ 69, 8.144, 352.718

■ 79, 8.144, 352.718

■ 89, 8.144, 352.718

■ 99, 8.144, 352.718

■ 29, 8.144, 352.718

■ 29, 8.144, 352.718

27, 12.362,
353.790

32, 4.007, 351.759

24, 16.605,
355.015

34, 0.010, 194.543

37, 3.888, 170.293

22, 20.778,
356.449

39, 7.624, 169.580

20, 24.754,
358.160

42, 11.217,
168.944

18, 28.372, 0.243

45, 14.673,
168.363

17, 31.463, 2.814

47, 18.000,
167.827

16, 33.923, 5.972

50, 21.208,
167.330

14, 36.482, 8.976

14, 36.491, 8.985

53, 24.305,
166.867

Harmonies

Complementary

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



29, 8.144, 352.718



33, 7.829, 169.316

Rectangle

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



29, 8.144, 352.718



29, 8.144, 42.718



29, 8.144, 172.718



29, 8.144, 222.718

Sweetspot

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



29, 8.143, 352.722



42, 2.988, 351.400



29, 11.190, 313.804



21, 1.999, 351.430



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



29, 8.143, 352.722



37, 12.266, 353.228



29, 6.657, 30.714



15, 2.276, 351.643



21, 43.985, 10.990



49, 79.599, 14.971

Inverse Universe

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



29, 8.143, 352.722



37, 12.266, 353.228



32, 5.892, 210.249



15, 2.276, 351.643



21, 43.985, 10.990



49, 79.599, 14.971

Previews

White Background



This preview shows how the CIELCh color 29, 8.144, 352.718 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 29, 8.144, 352.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

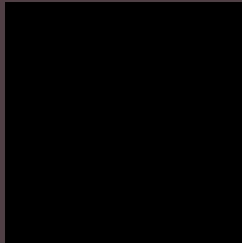
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 8.144, 352.718

Background



This preview shows how black text looks on a background with the CIELCh color 29, 8.144, 352.718.

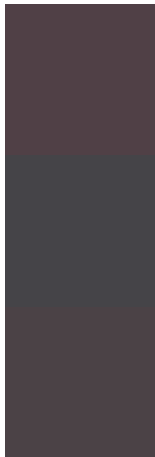


This preview shows how white text looks on a background with the CIELCh color 29, 8.144, 352.718.

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

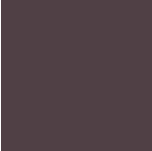
29, 8.144, 352.718

Protanopia

29, 2.621, 300.216

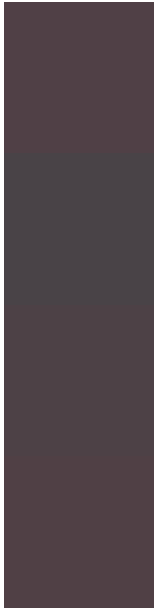
Deuteranopia

29, 4.775, 347.667



Tritanopia
29, 7.892, 356.896

Trichromacy



Original Color

29, 8.144, 352.718

Protanomaly

29, 3.711, 336.135

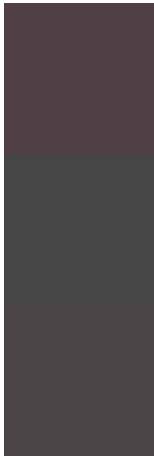
Deuteranomaly

29, 6.259, 349.661

Tritanomaly

29, 7.892, 356.896

Monochromacy



Original Color

29, 8.144, 352.718

Achromatopsia

30, 0.005, 296.813

Achromatomaly

29, 2.970, 354.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 8.144, 352.718 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(80, 64, 70)` looks like.

```
.text, #text, p{  
    color:rgb(80, 64, 70)  
}
```

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(80, 64, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 64, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 8.144, 352.718 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(80, 64, 70) }
```

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

```
.border{ border-color:rgb(80, 64, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 64, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 64, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 64, 70);  
box-shadow:4px 4px 4px 4px rgb(80, 64, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 8.144, 352.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 64, 70) }
```

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

```
.background{ background-color: rgb(80, 64,  
70) }
```

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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