

Converting Colors

CIELCh(32, 7.651, 314.330)

Have a look what the booklet for
CIELCh(32, 7.651, 314.330) contains.

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Color

CIELCh(32, 7.612, 314.174)

Conversions

Conversions Part 1

Format	Color
Hex	504954
RGB	80, 73, 84
RGB Percent	31%, 29%, 33%
CMY	0.6868, 0.7142, 0.6711
CMYK	0.05, 0.13, 0.00, 0.67
HSL	278°, 7%, 31%
HSV	278°, 13%, 33%
XYZ	7.2656, 7.0852, 9.3442
YIQ	76.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

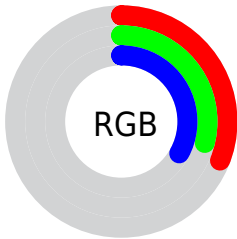
Format	Color
R_{YB}	80, 73, 84
Decimal	5261652
CIE Lab	32.00, 5.30, -5.46
CIE LCh	32, 7.612, 314.174
Yxy	7.0852, 0.3066, 0.2990
Android (android.graphics.Color)	4283451732 (0xFF504954)
YUV	76.3470, 3.7729, 3.2037
Hunter-Lab	26.6180, 2.1415, -2.1812

Details

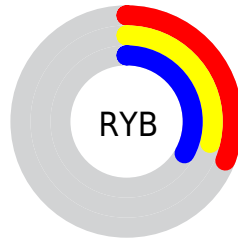
The CIELCh color **32, 7.612, 314.174** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35, 7.522, 133.184**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 7.523, 312.274**, and **12, 8.009, 316.582** is the 20% darker color. If you saturate the color by 10%, you get **29, 13.548, 314.580**, and if you desaturate by 10%, it is **35, 1.789, 313.751**.

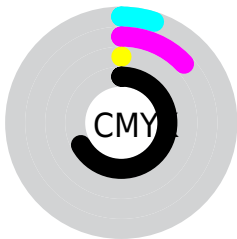
Distribution



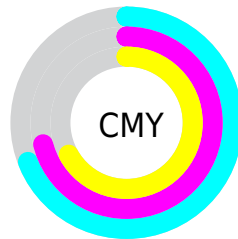
- Red (31%)
- Green (29%)
- Blue (33%)



- Red (31%)
- Yellow (29%)
- Blue (33%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 7.612, 314.174 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, 7.612, 314.174 by changing the saturation by 10% instead.

■ 32, 7.612, 314.174

■ 32, 7.612, 314.174

■ 100, 7.612,
314.174

■ 22, 7.612, 314.174

■ 52, 7.612, 314.174

■ 12, 7.612, 314.174

■ 62, 7.612, 314.174

■ 2, 7.612, 314.174

■ 72, 7.612, 314.174

■ 0, 7.612, 314.174

■ 82, 7.612, 314.174

■ 92, 7.612, 314.174

■ 32, 7.612, 314.174

■ 32, 7.612, 314.174

■ 29, 13.548,
314.580

■ 35, 1.789, 313.751

27, 19.563,
314.993

24, 25.592,
315.398

21, 31.535,
315.774

19, 37.244,
316.088

17, 42.510,
316.297

15, 47.072,
316.346

13, 50.864,
316.239

12, 53.695,
316.275

38, 3.896, 133.461

40, 9.435, 133.114

43, 14.823,
132.805

46, 20.063,
132.525

49, 25.159,
132.274

52, 30.115,
132.048

54, 34.939,
131.847

57, 39.636,
131.668

Harmonies

Complementary

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



32, 7.612, 314.174



35, 7.522, 133.184

Rectangle

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



32, 7.612, 314.174



32, 7.612, 4.174



32, 7.612, 134.174



32, 7.612, 184.174

Sweetspot

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



32, 7.611, 314.173



45, 2.872, 313.802



33, 4.671, 270.014



23, 2.058, 313.826



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, 7.611, 314.173



41, 11.630, 314.312



32, 7.681, 328.994



15, 3.157, 313.994



16, 62.715, 315.982



41, 113.012, 315.280

Inverse Universe

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



32, 5.464, 352.787



41, 8.363, 353.122



34, 7.664, 147.566



15, 2.261, 352.364



21, 44.064, 12.023



49, 79.877, 16.056

Previews

White Background



This preview shows how the CIELCh color 32, 7.612, 314.174 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, 7.612, 314.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

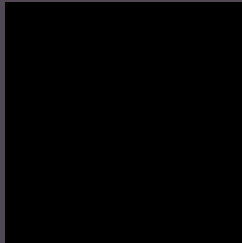
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 7.612, 314.174

Background



This preview shows how black text looks on a background with the CIELCh color 32, 7.612, 314.174.



This preview shows how white text looks on a background with the CIELCh color 32, 7.612, 314.174.

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, 7.612, 314.174

Protanopia

32, 6.342, 287.576

Deuteranopia

32, 7.457, 311.151



Tritanopia
32, 3.854, 324.721

Trichromacy



Original Color

32, 7.612, 314.174

Protanomaly

32, 7.043, 298.181

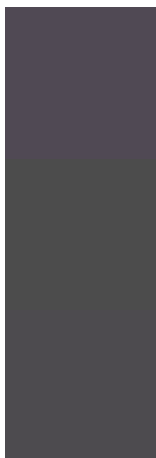
Deuteranomaly

32, 7.457, 311.151

Tritanomaly

32, 4.949, 316.493

Monochromacy



Original Color

32, 7.612, 314.174

Achromatopsia

32, 0.005, 296.813

Achromatomaly

32, 2.688, 309.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 7.612, 314.174 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, 73, 84)` looks like.

```
.text, #text, p{  
    color:rgb(80, 73, 84)  
}
```

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, 73, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 73, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 7.612, 314.174 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, 73, 84) }
```

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

```
.border{ border-color:rgb(80, 73, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 73, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 73, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 73, 84);  
box-shadow:4px 4px 4px 4px rgb(80, 73, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 7.612, 314.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 73, 84) }
```

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

```
.background{ background-color: rgb(80, 73,  
84) }
```

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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