

Converting Colors

CIELCh(32, 15.428, 331.058)

Have a look what the booklet for
CIELCh(32, 15.428, 331.058)
contains.

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Color

CIELCh(32, 15.457, 331.073)

Conversions

Conversions Part 1

Format	Color
Hex	5B4457
RGB	91, 68, 87
RGB Percent	36%, 27%, 34%
CMY	0.6423, 0.7325, 0.6580
CMYK	0.00, 0.25, 0.04, 0.64
HSL	310°, 14%, 31%
HSV	310°, 25%, 36%
XYZ	8.1435, 7.0852, 9.9999
YIQ	77.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

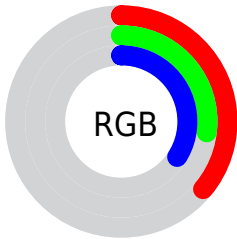
Format	Color
R_{YB}	91, 68, 87
Decimal	5981271
CIE Lab	32.00, 13.53, -7.48
CIE LCh	32, 15.457, 331.073
Yxy	7.0852, 0.3228, 0.2808
Android (android.graphics.Color)	4284171351 (0xFF5B4457)
YUV	77.0430, 4.9088, 12.2403
Hunter-Lab	26.6180, 8.0289, -3.6417

Details

The CIELCh color **32, 15.457, 331.073** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36, 15.404, 147.988**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 15.673, 330.200**, and **12, 15.261, 331.058** is the 20% darker color. If you saturate the color by 10%, you get **30, 21.537, 331.677**, and if you desaturate by 10%, it is **35, 9.303, 330.480**.

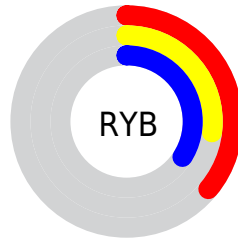
Distribution



Red (36%)

Green (27%)

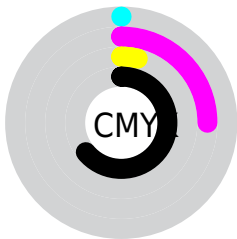
Blue (34%)



Red (36%)

Yellow (27%)

Blue (34%)

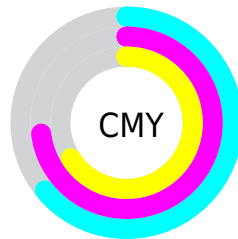


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (64%)



Cyan (64%)


Magenta (73%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 15.457, 331.073 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, 15.457, 331.073 by changing the saturation by 10% instead.


 32, 15.457,
331.073


 32, 15.457,
331.073

 100, 15.457,
331.073


 22, 15.457,
331.073

 52, 15.457,
331.073


 12, 15.457,
331.073


 62, 15.457,
331.073

 2, 15.457, 331.073

 72, 15.457,
331.073

 0, 15.457, 331.073

 82, 15.457,
331.073

 92, 15.457,
331.073

32, 15.457,
331.073

32, 15.457,
331.073

30, 21.537,
331.677

35, 9.303, 330.480

27, 27.414,
332.291

37, 3.175, 329.875

25, 32.910,
332.916

40, 2.866, 149.438

23, 37.809,
333.553

46, 14.542,
148.355

22, 41.878,
334.209

49, 20.146,
147.869

20, 44.905,
334.898

51, 25.588,
147.408

19, 47.022,
335.616

54, 30.870,
146.971

19, 48.053,

57, 35.999,

335.946

146.558

Harmonies

Complementary

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



32, 15.457, 331.073



36, 15.404, 147.988

Rectangle

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



32, 15.457, 331.073



32, 15.457, 21.073



32, 15.457, 151.073



32, 15.457, 201.073

Sweetspot

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



32, 15.456, 331.073



48, 6.098, 330.066



30, 14.864, 298.673



24, 4.371, 330.134



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



32, 15.456, 331.073



40, 23.005, 331.420



32, 11.298, 356.086



17, 3.429, 330.101



24, 54.523, 336.156



54, 95.319, 336.774

Inverse Universe

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



32, 15.456, 331.073



40, 23.005, 331.420



37, 10.641, 171.463



17, 3.429, 330.101



24, 54.523, 336.156



54, 95.319, 336.774

Previews

White Background



This preview shows how the CIE LCh color 32, 15.457, 331.073 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, 15.457, 331.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

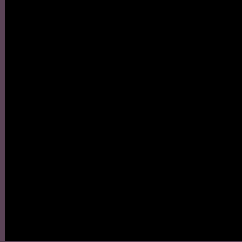
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 15.457, 331.073

Background



This preview shows how black text looks on a background with the CIELCh color 32, 15.457, 331.073.



This preview shows how white text looks on a background with the CIELCh color 32, 15.457, 331.073.

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, 15.457, 331.073

Protanopia

32, 10.802, 285.776

Deuteranopia

32, 7.813, 303.778



Tritanopia
32, 9.653, 358.042

Trichromacy



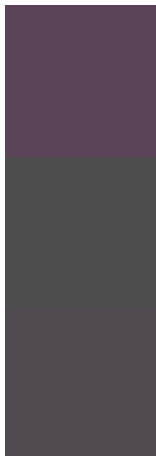
Original Color
32, 15.457, 331.073

Protanomaly
32, 11.098, 304.768

Deuteranomaly
32, 10.049, 319.026

Tritanomaly
32, 11.491, 344.237

Monochromacy



Original Color
32, 15.457, 331.073

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 5.633, 328.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 15.457, 331.073 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(91, 68, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 68, 87)  
}
```

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(91, 68, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 68, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 15.457, 331.073 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(91, 68, 87) }
```

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

```
.border{ border-color:rgb(91, 68, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 68, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 68, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 68, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 68, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 15.457, 331.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 68, 87) }
```

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

```
.background{ background-color: rgb(91, 68,  
87) }
```

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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