

Converting Colors

CIELCh(32, 63.145, 35.489)

Have a look what the booklet for
CIELCh(32, 63.145, 35.489) contains.

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Color

CIELCh(32, 63.129, 35.462)

Conversions

Conversions Part 1

Format	Color
Hex	971314
RGB	151, 19, 20
RGB Percent	59%, 7%, 8%
CMY	0.4081, 0.9258, 0.9218
CMYK	0.00, 0.87, 0.87, 0.41
HSL	360°, 78%, 33%
HSV	360°, 87%, 59%
XYZ	13.1062, 7.0852, 1.3363
YIQ	58.5820, 78.3510, 28.2950

Conversions

Conversions Part 2

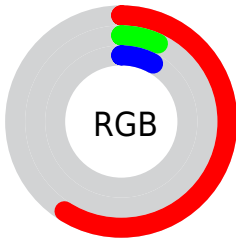
Format	Color
RYB	151, 19, 20
Decimal	9900820
CIELab	32.00, 51.42, 36.63
CIELCh	32, 63.129, 35.462
Yxy	7.0852, 0.6088, 0.3291
Android (android.graphics.Color)	4288090900 (0xFF971314)
YUV	58.5820, -19.0209, 81.0506
Hunter-Lab	26.6180, 41.3089, 15.6559

Details

The CIELCh color **32, 63.129, 35.462** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **57, 33.122, 195.404**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 63.281, 35.672**, and **17, 45.705, 34.322** is the 20% darker color. If you saturate the color by 10%, you get **31, 68.598, 38.520**, and if you desaturate by 10%, it is **34, 56.173, 31.892**.

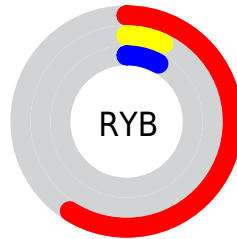
Distribution



Red (59%)

Green (7%)

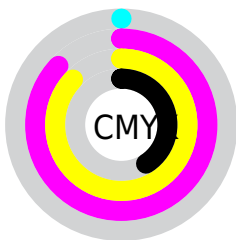
Blue (8%)



Red (59%)

Yellow (7%)

Blue (8%)

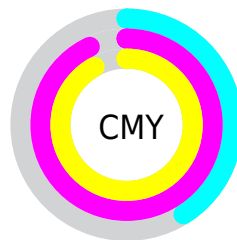


Cyan (0%)

Magenta (87%)

Yellow (87%)

Black (41%)



Cyan (41%)

Magenta (93%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 63.129, 35.462 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, 63.129, 35.462 by changing the saturation by 10% instead.

 32, 63.129, 35.462

 32, 63.129, 35.462

 100, 63.129,
35.462

 22, 63.129, 35.462

 52, 63.129, 35.462

 12, 63.129, 35.462

 62, 63.129, 35.462

 2, 63.129, 35.462

 72, 63.129, 35.462

 0, 63.129, 35.462

 82, 63.129, 35.462

 92, 63.129, 35.462

 32, 63.129, 35.462

 32, 63.129, 35.462

 31, 68.598, 38.520

 34, 56.173, 31.892

31, 69.870, 39.150

36, 48.513, 28.638

39, 40.585, 25.955

42, 32.675, 23.839

46, 24.998, 22.199

50, 17.696, 20.931

55, 10.843, 19.939

59, 4.463, 19.118

64, 1.455, 198.925

Harmonies

Complementary

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



32, 63.129, 35.462



57, 33.122, 195.404

Rectangle

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



32, 63.129, 35.462



32, 63.129, 85.462



32, 63.129, 215.462



32, 63.129, 265.462

Sweetspot

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



32, 63.127, 35.464



65, 20.685, 20.826



36, 75.167, 327.511



33, 14.296, 21.186



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



32, 63.127, 35.464



41, 85.541, 39.698



42, 51.812, 62.433



30, 3.438, 19.259



28, 65.848, 38.740



1, 3.596, 18.761

Inverse Universe

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



32, 63.127, 35.464



41, 85.541, 39.698



36, 40.839, 276.111



30, 3.438, 19.259



28, 65.848, 38.740



1, 3.596, 18.761

Previews

White Background



This preview shows how the CIELCh color 32, 63.129, 35.462 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, 63.129, 35.462 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, 63.129, 35.462

Background



This preview shows how black text looks on a background with the CIELCh color 32, 63.129, 35.462.



This preview shows how white text looks on a background with the CIELCh color 32, 63.129, 35.462.

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, 63.129, 35.462

Protanopia

33, 27.580, 96.797

Deuteranopia

33, 41.730, 84.314



Tritanopia
32, 64.253, 36.976

Trichromacy



Original Color
32, 63.129, 35.462

Protanomaly
30, 34.811, 53.218

Deuteranomaly
30, 46.004, 56.378

Tritanomaly
32, 63.976, 36.615

Monochromacy



Original Color
32, 63.129, 35.462

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 23.955, 23.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 63.129, 35.462 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(151, 19, 20)` looks like.

```
.text, #text, p{  
    color:rgb(151, 19, 20)  
}
```

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(151, 19, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 19, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 63.129, 35.462 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(151, 19, 20) }
```

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

```
.border{ border-color:rgb(151, 19, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 19, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 19, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 19, 20);  
box-shadow:4px 4px 4px 4px rgb(151, 19,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 63.129, 35.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 19, 20) }
```

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

```
.background{ background-color: rgb(151, 19,  
20) }
```

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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