

Converting Colors

CIELCh(32, 57.662, 5.902)

Have a look what the booklet for
CIELCh(32, 57.662, 5.902) contains.

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Color

CIELCh(32, 57.382, 6.262)

Conversions

Conversions Part 1

Format	Color
Hex	980044
RGB	152, 0, 68
RGB Percent	60%, 0%, 27%
CMY	0.4041, 1.0000, 0.7335
CMYK	0.00, 1.00, 0.55, 0.40
HSL	333°, 100%, 30%
HSV	333°, 100%, 60%
XYZ	13.9806, 7.0852, 6.0932
YIQ	53.2000, 68.7640, 53.3720

Conversions

Conversions Part 2

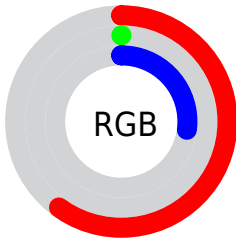
Format	Color
RYB	152, 0, 68
Decimal	9961540
CIELab	32.00, 57.04, 6.26
CIElCh	32, 57.382, 6.262
Yxy	7.0852, 0.5148, 0.2609
Android (android.graphics.Color)	4288151620 (0xFF980044)
YUV	53.2000, 7.2964, 86.6476
Hunter-Lab	26.6180, 47.1723, 5.0602

Details

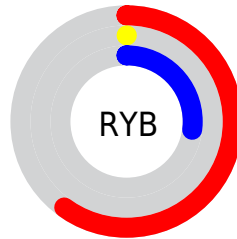
The CIELCh color **32, 57.382, 6.262** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55, 56.770, 152.339**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 57.323, 6.344**, and **18, 41.830, 19.031** is the 20% darker color. If you saturate the color by 10%, you get **32, 57.368, 6.271**, and if you desaturate by 10%, it is **33, 55.503, 2.237**.

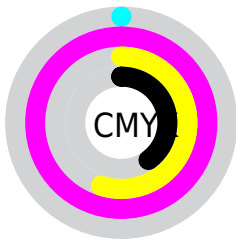
Distribution



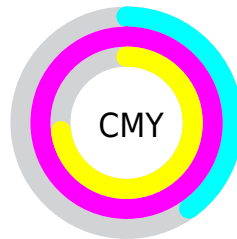
- Red (60%)
- Green (0%)
- Blue (27%)



- Red (60%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 57.382, 6.262 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, 57.382, 6.262 by changing the saturation by 10% instead.

 32, 57.382, 6.262

 32, 57.382, 6.262

 100, 57.382, 6.262

 22, 57.382, 6.262

 52, 57.382, 6.262

 12, 57.382, 6.262

 62, 57.382, 6.262

 2, 57.382, 6.262

 72, 57.382, 6.262

 0, 57.382, 6.262

 82, 57.382, 6.262

 92, 57.382, 6.262

 32, 57.382, 6.262

 32, 57.382, 6.262

 32, 57.368, 6.271

 33, 55.503, 2.237

 35, 52.626,

358.814

■ 37, 48.291,
356.102

■ 39, 42.703,
353.938

■ 43, 36.200,
352.179

■ 46, 29.134,
350.716

■ 50, 21.800,
349.469

■ 54, 14.414,
348.381

■ 59, 7.120, 347.402

Harmonies

Complementary

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



32, 57.382, 6.262



55, 56.770, 152.339

Rectangle

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



32, 57.382, 6.262



32, 57.382, 56.262



32, 57.382, 186.262



32, 57.382, 236.262

Sweetspot

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



32, 57.368, 6.271



64, 26.874, 349.537



24, 83.764, 313.265



32, 18.510, 350.003



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, 57.368, 6.271



42, 69.351, 7.300



31, 69.860, 40.245



30, 4.042, 347.329



29, 54.113, 5.902



1, 4.294, 347.026

Inverse Universe

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



32, 57.368, 6.271



42, 69.351, 7.300



54, 31.891, 204.550



30, 4.042, 347.329



29, 54.113, 5.902



1, 4.294, 347.026

Previews

White Background



This preview shows how the CIELCh color 32, 57.382, 6.262 looks on a white background.

Color Contrast Check

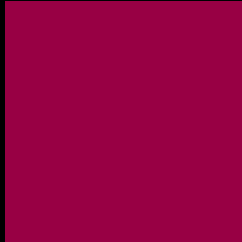
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.382, 6.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

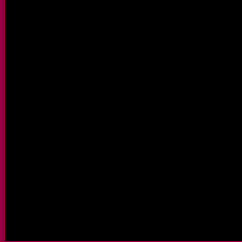
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 57.382, 6.262

Background



This preview shows how black text looks on a background with the CIELCh color 32, 57.382, 6.262.



This preview shows how white text looks on a background with the CIELCh color 32, 57.382, 6.262.

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, 57.382, 6.262

Protanopia

33, 13.294, 284.158

Deuteranopia

33, 11.561, 64.537



Tritanopia
33, 59.722, 34.411

Trichromacy



Original Color
32, 57.382, 6.262

Protanomaly
29, 31.482, 336.593

Deuteranomaly
30, 31.139, 8.138

Tritanomaly
32, 57.838, 24.668

Monochromacy



Original Color
32, 57.382, 6.262

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 28.321, 354.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 57.382, 6.262 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(152, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 68)  
}
```

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(152, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 57.382, 6.262 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(152, 0, 68) }
```

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

```
.border{ border-color:rgb(152, 0, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(152, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 57.382, 6.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 68) }
```

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

```
.background{ background-color: rgb(152, 0,  
68) }
```

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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