

Converting Colors

CIELCh(32, 56.964, 7.740)

Have a look what the booklet for
CIELCh(32, 56.964, 7.740) contains.

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Color

CIELCh(32, 57.124, 7.694)

Conversions

Conversions Part 1

Format	Color
Hex	980242
RGB	152, 2, 66
RGB Percent	60%, 1%, 26%
CMY	0.4046, 0.9935, 0.7417
CMYK	0.00, 0.99, 0.57, 0.40
HSL	334°, 98%, 30%
HSV	334°, 99%, 60%
XYZ	13.9124, 7.0852, 5.7673
YIQ	54.1460, 68.8560, 51.7040

Conversions

Conversions Part 2

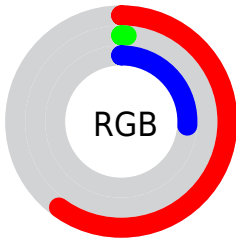
Format	Color
R_{YB}	152, 2, 66
Decimal	9962050
CIE _{Lab}	32.00, 56.61, 7.65
CIE _{LCh}	32, 57.124, 7.694
Yxy	7.0852, 0.5198, 0.2647
Android (android.graphics.Color)	4288152130 (0xFF980242)
YUV	54.1460, 5.8440, 85.8180
Hunter-Lab	26.6180, 46.7149, 5.7861

Details

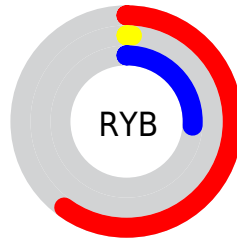
The CIELCh color **32, 57.124, 7.694** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55, 55.148, 153.695**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 57.272, 7.483**, and **18, 42.203, 20.857** is the 20% darker color. If you saturate the color by 10%, you get **32, 57.355, 8.146**, and if you desaturate by 10%, it is **33, 55.077, 3.524**.

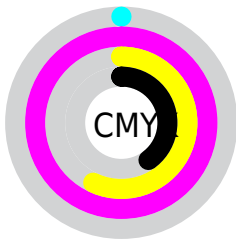
Distribution



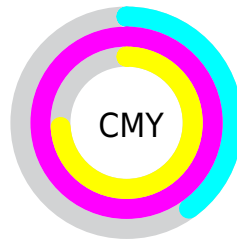
- Red (60%)
- Green (1%)
- Blue (26%)



- Red (60%)
- Yellow (1%)
- Blue (26%)



- Cyan (0%)
- Magenta (99%)
- Yellow (57%)
- Black (40%)



- Cyan (40%)
- Magenta (99%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 57.124, 7.694 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, 57.124, 7.694 by changing the saturation by 10% instead.

 32, 57.124, 7.694

 32, 57.124, 7.694

 100, 57.124, 7.694

 22, 57.124, 7.694

 52, 57.124, 7.694

 12, 57.124, 7.694

 62, 57.124, 7.694

 2, 57.124, 7.694

 72, 57.124, 7.694

 0, 57.124, 7.694

 82, 57.124, 7.694

 92, 57.124, 7.694

 32, 57.124, 7.694

 32, 57.124, 7.694

 32, 57.355, 8.146

 33, 55.077, 3.524

 35, 51.940, 0.039

■ 37, 47.402,
357.280

■ 40, 41.680,
355.080

■ 43, 35.115,
353.294

■ 47, 28.047,
351.811

■ 51, 20.756,
350.550

■ 55, 13.448,
349.451

■ 59, 6.255, 348.461

Harmonies

Complementary

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



32, 57.124, 7.694



55, 55.148, 153.695

Rectangle

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



32, 57.124, 7.694



32, 57.124, 57.694



32, 57.124, 187.694



32, 57.124, 237.694

Sweetspot

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



32, 57.121, 7.696



64, 26.587, 350.748



25, 82.967, 313.731



32, 18.318, 351.226



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, 57.121, 7.696



42, 69.430, 9.219



32, 69.037, 40.219



30, 3.992, 348.492



29, 54.121, 7.766



1, 4.240, 348.170

Inverse Universe

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



32, 57.121, 7.696



42, 69.430, 9.219



54, 31.235, 207.437



30, 3.992, 348.492



29, 54.121, 7.766



1, 4.240, 348.170

Previews

White Background



This preview shows how the CIELCh color 32, 57.124, 7.694 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, 57.124, 7.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

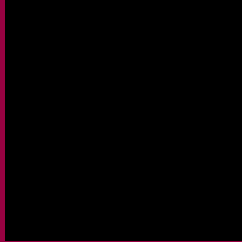
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 57.124, 7.694

Background



This preview shows how black text looks on a background with the CIELCh color 32, 57.124, 7.694.



This preview shows how white text looks on a background with the CIELCh color 32, 57.124, 7.694.

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, 57.124, 7.694

Protanopia

33, 11.392, 284.245

Deuteranopia

33, 12.535, 68.134



Tritanopia
32, 60.190, 34.637

Trichromacy



Original Color
32, 57.124, 7.694

Protanomaly
29, 30.317, 339.252

Deuteranomaly
30, 31.108, 10.457

Tritanomaly
32, 58.060, 25.244

Monochromacy



Original Color
32, 57.124, 7.694

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 28.100, 355.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 57.124, 7.694 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, 2, 66)` looks like.

```
.text, #text, p{  
    color:rgb(152, 2, 66)  
}
```

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, 2, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 2, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 57.124, 7.694 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, 2, 66) }
```

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

```
.border{ border-color:rgb(152, 2, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 2, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 2, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 2, 66);  
box-shadow:4px 4px 4px 4px rgb(152, 2, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 57.124, 7.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 2, 66) }
```

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

```
.background{ background-color: rgb(152, 2,  
66) }
```

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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