

Converting Colors

CIELCh(32, 58.955, 352.083)

Have a look what the booklet for
CIELCh(32, 58.955, 352.083)
contains.

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Color

CIELCh(32, 58.822, 351.987)

Conversions

Conversions Part 1

Format	Color
Hex	95005A
RGB	149, 0, 90
RGB Percent	58%, 0%, 35%
CMY	0.4168, 1.0000, 0.6480
CMYK	0.00, 1.00, 0.40, 0.42
HSL	324°, 100%, 29%
HSV	324°, 100%, 58%
XYZ	14.1734, 7.0852, 10.2423
YIQ	54.8110, 59.9140, 59.5780

Conversions

Conversions Part 2

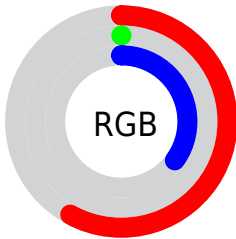
Format	Color
R_YB	149, 0, 90
Decimal	9764954
CIE _{Lab}	32.00, 58.25, -8.20
CIE _{LCh}	32, 58.822, 351.987
Yxy	7.0852, 0.4499, 0.2249
Android (android.graphics.Color)	4287955034 (0xFF95005A)
YUV	54.8110, 17.3482, 82.6038
Hunter-Lab	26.6180, 48.4655, -4.1815

Details

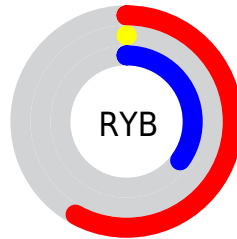
The CIELCh color **32, 58.822, 351.987** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **54, 65.165, 144.917**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 58.614, 351.887**, and **18, 40.330, 0.778** is the 20% darker color. If you saturate the color by 10%, you get **32, 58.733, 352.017**, and if you desaturate by 10%, it is **33, 57.569, 349.478**.

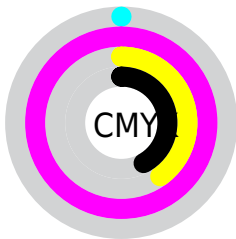
Distribution



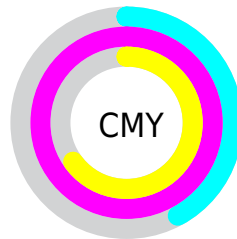
- Red (58%)
- Green (0%)
- Blue (35%)



- Red (58%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 58.822, 351.987 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, 58.822, 351.987 by changing the saturation by 10% instead.


 32, 58.822,
351.987


 32, 58.822,
351.987

 100, 58.822,
351.987


 22, 58.822,
351.987

 52, 58.822,
351.987


 12, 58.822,
351.987


 62, 58.822,
351.987

 2, 58.822, 351.987

 72, 58.822,
351.987

 0, 58.822, 351.987

 82, 58.822,
351.987

 92, 58.822,
351.987

■ 32, 58.822,
351.987

■ 32, 58.822,
351.987

■ 32, 58.733,
352.017

■ 33, 57.569,
349.478

■ 34, 55.126,
347.318

■ 37, 50.984,
345.566

■ 39, 45.395,
344.115

■ 42, 38.726,
342.881

■ 46, 31.350,
341.805

■ 49, 23.585,
340.845

■ 53, 15.671,

339.973

■ 57, 7.776, 339.160

Harmonies

Complementary

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



32, 58.822, 351.987



54, 65.165, 144.917

Rectangle

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



32, 58.822, 351.987



32, 58.822, 41.987



32, 58.822, 171.987



32, 58.822, 221.987

Sweetspot

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



32, 58.733, 352.017



63, 29.267, 340.901



20, 85.355, 309.755



31, 19.900, 341.257



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



32, 58.733, 352.017



42, 71.161, 352.698



30, 65.042, 34.095



29, 4.370, 339.096



29, 55.598, 351.791



1, 3.788, 338.461

Inverse Universe

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



32, 58.733, 352.017



42, 71.161, 352.698



55, 37.446, 180.422



29, 4.370, 339.096



29, 55.598, 351.791



1, 3.788, 338.461

Previews

White Background



This preview shows how the CIELCh color 32, 58.822, 351.987 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, 58.822, 351.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

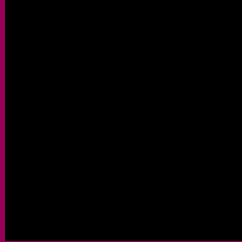
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 58.822, 351.987

Background



This preview shows how black text looks on a background with the CIELCh color 32, 58.822, 351.987.



This preview shows how white text looks on a background with the CIELCh color 32, 58.822, 351.987.

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, 58.822, 351.987

Protanopia
34, 32.839, 285.562

Deuteranopia
33, 5.609, 328.525



Tritanopia
33, 53.081, 31.007

Trichromacy



Original Color
32, 58.822, 351.987

Protanomaly
29, 44.076, 315.992

Deuteranomaly
29, 33.114, 342.623

Tritanomaly
32, 52.817, 15.443

Monochromacy



Original Color
32, 58.822, 351.987

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 30.462, 343.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 58.822, 351.987 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(149, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 90)  
}
```

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(149, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 58.822, 351.987 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(149, 0, 90) }
```

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

```
.border{ border-color:rgb(149, 0, 90) }
```

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

Here you see how a box with a 4 pixel rgb(149, 0, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(149, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 58.822, 351.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 90) }
```

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

```
.background{ background-color: rgb(149, 0,  
90) }
```

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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