

Converting Colors

CIELCh(32, 55.962, 317.124)

Have a look what the booklet for
CIELCh(32, 55.962, 317.124)
contains.

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Color

CIELCh(32, 55.968, 317.122)

Conversions

Conversions Part 1

Format	Color
Hex	6B3188
RGB	107, 49, 136
RGB Percent	42%, 19%, 53%
CMY	0.5807, 0.8082, 0.4670
CMYK	0.21, 0.64, 0.00, 0.47
HSL	280°, 47%, 36%
HSV	280°, 64%, 53%
XYZ	11.5854, 7.0852, 24.0170
YIQ	76.2600, 6.6410, 39.3530

Conversions

Conversions Part 2

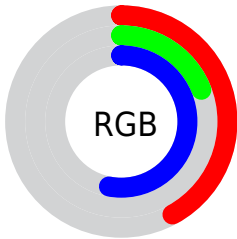
Format	Color
R_{YB}	107, 49, 136
Decimal	7025032
CIE _{Lab}	32.00, 41.01, -38.08
CIE _{LCh}	32, 55.968, 317.122
Yxy	7.0852, 0.2714, 0.1660
Android (android.graphics.Color)	4285215112 (0xFF6B3188)
YUV	76.2600, 29.4518, 26.9590
Hunter-Lab	26.6180, 31.1103, -34.8638

Details

The CIELCh color **32, 55.968, 317.122** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **51, 53.254, 131.693**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 55.954, 317.145**, and **13, 53.983, 316.892** is the 20% darker color. If you saturate the color by 10%, you get **29, 63.224, 317.250**, and if you desaturate by 10%, it is **35, 47.788, 316.851**.

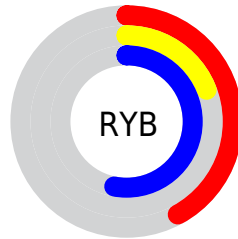
Distribution



Red (42%)

Green (19%)

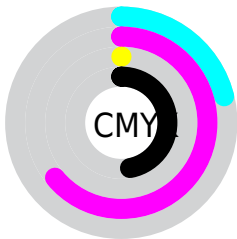
Blue (53%)



Red (42%)

Yellow (19%)

Blue (53%)

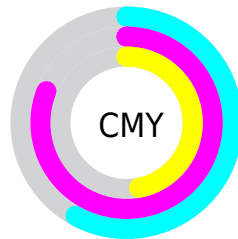


Cyan (21%)

Magenta (64%)

Yellow (0%)

Black (47%)



Cyan (58%)


Magenta (81%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 55.968, 317.122 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, 55.968, 317.122 by changing the saturation by 10% instead.


 32, 55.968,
317.122


 32, 55.968,
317.122

 100, 55.968,
317.122


 22, 55.968,
317.122

 52, 55.968,
317.122


 12, 55.968,
317.122


 62, 55.968,
317.122

 2, 55.968, 317.122

 72, 55.968,
317.122

 0, 55.968, 317.122

 82, 55.968,
317.122

 92, 55.968,
317.122

■ 32, 55.968,
317.122

■ 32, 55.968,
317.122

■ 29, 63.224,
317.250

■ 35, 47.788,
316.851

■ 27, 69.106,
317.168

■ 39, 39.076,
316.490

■ 25, 73.228,
316.818

■ 43, 30.121,
316.081

■ 24, 75.374,
316.583

■ 47, 21.123,
315.654

■ 51, 12.209,
315.225

■ 55, 3.457, 314.790

■ 59, 5.089, 134.467

■ 63, 13.408,
134.094

■ 67, 21.492,
133.763

Harmonies

Complementary

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



32, 55.968, 317.122



51, 53.254, 131.693

Rectangle

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



32, 55.968, 317.122



32, 55.968, 7.122



32, 55.968, 137.122



32, 55.968, 187.122

Sweetspot

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



32, 55.967, 317.122



62, 20.558, 315.456



34, 35.837, 282.435



31, 14.293, 315.564



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



32, 55.967, 317.122



37, 79.961, 317.242



36, 52.030, 332.703



27, 4.946, 315.019



23, 74.028, 316.606



0, 2.274, 314.666

Inverse Universe

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



34, 39.906, 2.957



40, 56.782, 7.353



50, 52.930, 142.921



27, 3.460, 354.459



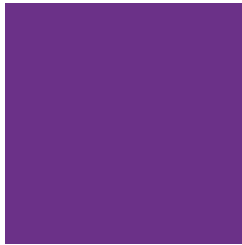
27, 52.840, 16.346



0, 1.580, 353.687

Previews

White Background



This preview shows how the CIELCh color 32, 55.968, 317.122 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, 55.968, 317.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

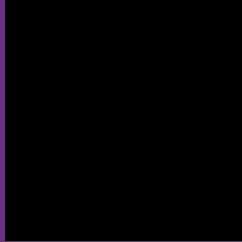
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 55.968, 317.122

Background



This preview shows how black text looks on a background with the CIELCh color 32, 55.968, 317.122.



This preview shows how white text looks on a background with the CIELCh color 32, 55.968, 317.122.

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, 55.968, 317.122

Deuteranopia

32, 35.012, 277.817

Tritanopia

32, 13.482, 8.375

Trichromacy

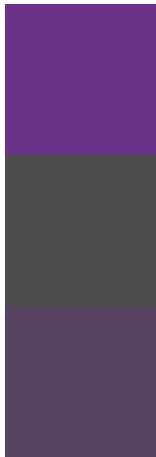


Original Color
32, 55.968, 317.122

Deuteranomaly
31, 41.830, 294.799

Tritanomaly
32, 27.146, 330.259

Monochromacy



Original Color
32, 55.968, 317.122

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 22.032, 315.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 55.968, 317.122 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(107, 49, 136)` looks like.

```
.text, #text, p{  
    color:rgb(107, 49, 136)  
}
```

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(107, 49, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 49, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 55.968, 317.122 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(107, 49, 136) }
```

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

```
.border{ border-color:rgb(107, 49, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 49, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 49, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 49, 136);  
box-shadow:4px 4px 4px 4px rgb(107, 49,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 55.968, 317.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 49, 136) }
```

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

```
.background{ background-color: rgb(107, 49,  
136) }
```

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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