

Converting Colors

CIELCh(32, 20.669, 353.577)

Have a look what the booklet for
CIELCh(32, 20.669, 353.577)
contains.

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Color

CIELCh(32, 20.462, 354.105)

Conversions

Conversions Part 1

Format	Color
Hex	683F4F
RGB	104, 63, 79
RGB Percent	41%, 25%, 31%
CMY	0.5916, 0.7525, 0.6897
CMYK	0.00, 0.39, 0.24, 0.59
HSL	337°, 25%, 33%
HSV	337°, 39%, 41%
XYZ	8.9236, 7.0852, 8.3173
YIQ	77.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

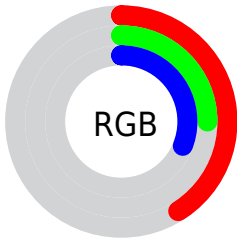
Format	Color
RYB	104, 63, 79
Decimal	6831951
CIELab	32.00, 20.35, -2.10
CIElCh	32, 20.462, 354.105
Yxy	7.0852, 0.3668, 0.2913
Android (android.graphics.Color)	4285022031 (0xFF683F4F)
YUV	77.0830, 0.9451, 23.6062
Hunter-Lab	26.6180, 13.2605, 0.1063

Details

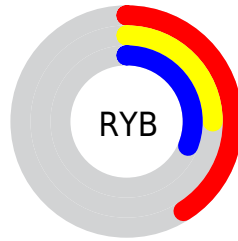
The CIELCh color **32, 20.462, 354.105** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41, 18.959, 166.267**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 20.631, 353.731**, and **12, 20.204, 353.557** is the 20% darker color. If you saturate the color by 10%, you get **29, 25.638, 355.585**, and if you desaturate by 10%, it is **35, 15.171, 352.849**.

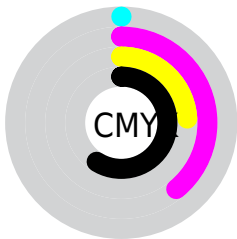
Distribution



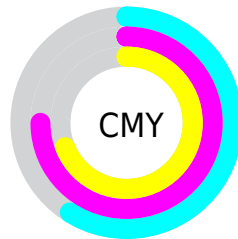
- Red (41%)
- Green (25%)
- Blue (31%)



- Red (41%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (59%)





- Cyan (59%)
- Magenta (75%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 20.462, 354.105 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, 20.462, 354.105 by changing the saturation by 10% instead.


 32, 20.462,
354.105


 32, 20.462,
354.105

 100, 20.462,
354.105


 22, 20.462,
354.105

 52, 20.462,
354.105


 12, 20.462,
354.105


 62, 20.462,
354.105

 2, 20.462, 354.105

 72, 20.462,
354.105

 0, 20.462, 354.105

 82, 20.462,
354.105

 92, 20.462,
354.105

■ 32, 20.462,
354.105

■ 32, 20.462,
354.105

■ 29, 25.638,
355.585

■ 35, 15.171,
352.849

■ 27, 30.524,
357.361

■ 38, 9.897, 351.754

■ 41, 4.723, 350.769

■ 25, 34.899,
359.537

■ 44, 0.302, 170.895

■ 23, 38.535, 2.247

■ 47, 5.153, 169.264

■ 22, 41.267, 5.639

■ 51, 9.822, 168.541

■ 21, 43.618, 9.341

■ 54, 14.311,
167.895

■ 20, 43.778, 9.557

■ 57, 18.626,
167.303

■ 61, 22.779,
166.758

Harmonies

Complementary

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



32, 20.462, 354.105



41, 18.959, 166.267

Rectangle

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



32, 20.462, 354.105



32, 20.462, 44.105



32, 20.462, 174.105



32, 20.462, 224.105

Sweetspot

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



32, 20.460, 354.107



52, 7.516, 351.054



31, 27.767, 314.133



26, 5.031, 351.137



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



32, 20.460, 354.107



39, 30.241, 355.415



33, 17.856, 30.408



19, 2.776, 350.723



23, 46.933, 10.182



52, 81.924, 13.627

Inverse Universe

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



32, 20.460, 354.107



39, 30.241, 355.415



40, 13.612, 208.510



19, 2.776, 350.723



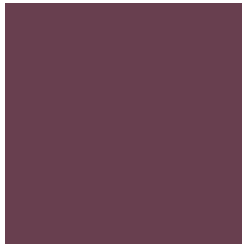
23, 46.933, 10.182



52, 81.924, 13.627

Previews

White Background



This preview shows how the CIE LCh color 32, 20.462, 354.105 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, 20.462, 354.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

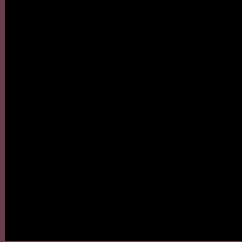
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 20.462, 354.105

Background



This preview shows how black text looks on a background with the CIELCh color 32, 20.462, 354.105.



This preview shows how white text looks on a background with the CIELCh color 32, 20.462, 354.105.

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, 20.462, 354.105

Protanopia

32, 7.604, 288.447

Deuteranopia

32, 4.698, 347.590



Tritanopia
32, 17.693, 12.501

Trichromacy



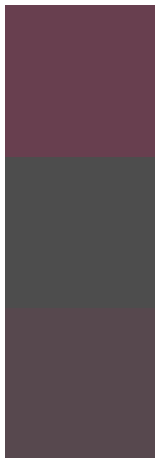
Original Color
32, 20.462, 354.105

Protanomaly
32, 10.200, 327.265

Deuteranomaly
32, 10.840, 349.723

Tritanomaly
32, 18.428, 5.141

Monochromacy



Original Color
32, 20.462, 354.105

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 7.607, 350.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 20.462, 354.105 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(104, 63, 79)` looks like.

```
.text, #text, p{  
    color:rgb(104, 63, 79)  
}
```

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(104, 63, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 63, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 20.462, 354.105 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(104, 63, 79) }
```

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

```
.border{ border-color:rgb(104, 63, 79) }
```

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

Here you see how a box with a 4 pixel rgb(104, 63, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 63, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 63, 79);  
box-shadow:4px 4px 4px 4px rgb(104, 63,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 20.462, 354.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 63, 79) }
```

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

```
.background{ background-color: rgb(104, 63,  
79) }
```

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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