

Converting Colors

CIELCh(32, 64.728, 327.155)

Have a look what the booklet for
CIELCh(32, 64.728, 327.155)
contains.

CIELCh(32, 64.420, 327.293)	3
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Color

CIELCh(32, 64.420, 327.293)

Conversions

Conversions Part 1

Format	Color
Hex	811B83
RGB	129, 27, 131
RGB Percent	51%, 11%, 51%
CMY	0.4942, 0.8942, 0.4864
CMYK	0.02, 0.79, 0.00, 0.49
HSL	299°, 66%, 31%
HSV	299°, 79%, 51%
XYZ	13.5351, 7.0852, 22.1173
YIQ	69.3540, 27.4080, 53.9680

Conversions

Conversions Part 2

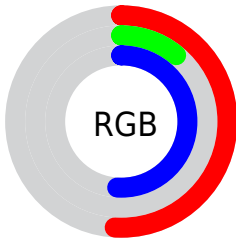
Format	Color
R_{YB}	129, 27, 131
Decimal	8461187
CIE _{Lab}	32.00, 54.21, -34.81
CIE _{LCh}	32, 64.420, 327.293
Yxy	7.0852, 0.3167, 0.1658
Android (android.graphics.Color)	4286651267 (0xFF811B83)
YUV	69.3540, 30.3915, 52.3095
Hunter-Lab	26.6180, 44.1848, -30.6325

Details

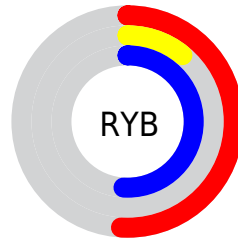
The CIELCh color $32, 64.420, 327.293$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $48, 65.764, 137.219$, and the grayscale version is $29, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 64.745, 327.214$, and $16, 50.421, 326.015$ is the 20% darker color. If you saturate the color by 10%, you get $31, 68.030, 327.427$, and if you desaturate by 10%, it is $34, 59.171, 327.063$.

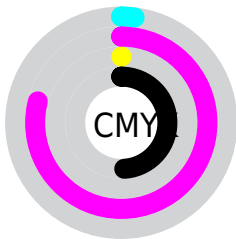
Distribution



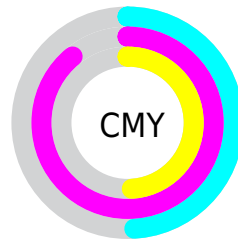
- Red (51%)
- Green (11%)
- Blue (51%)



- Red (51%)
- Yellow (11%)
- Blue (51%)



- Cyan (2%)
- Magenta (79%)
- Yellow (0%)
- Black (49%)





- Cyan (49%)
- Magenta (89%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 64.420, 327.293 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, 64.420, 327.293 by changing the saturation by 10% instead.


 32, 64.420,
327.293

 32, 64.420,
327.293

 100, 64.420,
327.293

 22, 64.420,
327.293

 52, 64.420,
327.293

 12, 64.420,
327.293


 62, 64.420,
327.293

 2, 64.420, 327.293

 72, 64.420,
327.293

 0, 64.420, 327.293

 82, 64.420,
327.293

 92, 64.420,
327.293

■ 32, 64.420,
327.293

■ 32, 64.420,
327.293

■ 31, 68.030,
327.427

■ 34, 59.171,
327.063

■ 30, 70.402,
327.491

■ 36, 52.503,
326.746

■ 30, 70.541,
327.495

■ 38, 44.727,
326.357

■ 41, 36.181,
325.912

■ 44, 27.168,
325.427

■ 48, 17.932,
324.919

■ 51, 8.656, 324.393

■ 55, 0.533, 144.250

Harmonies

Complementary

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



32, 64.420, 327.293



48, 65.764, 137.219

Rectangle

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



32, 64.420, 327.293



32, 64.420, 17.293



32, 64.420, 147.293



32, 64.420, 197.293

Sweetspot

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



32, 64.418, 327.293



59, 27.570, 325.183



19, 66.264, 302.292



30, 19.083, 325.339



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



32, 64.418, 327.293



40, 84.643, 327.466



30, 48.124, 351.859



26, 5.240, 324.378



30, 70.181, 327.496



0, 1.248, 323.928

Inverse Universe

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



29, 50.946, 31.507



36, 73.872, 37.727



48, 47.393, 152.321



26, 3.049, 18.320



26, 61.534, 37.751



0, 0.708, 17.804

Previews

White Background



This preview shows how the CIE LCh color 32, 64.420, 327.293 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, 64.420, 327.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

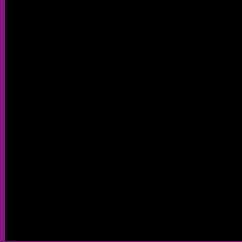
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 64.420, 327.293

Background



This preview shows how black text looks on a background with the CIELCh color 32, 64.420, 327.293.



This preview shows how white text looks on a background with the CIELCh color 32, 64.420, 327.293.

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





Tritanopia
32, 30.786, 20.971

Trichromacy



Original Color
32, 64.420, 327.293



Protanomaly
29, 57.994, 297.606



Deuteranomaly
30, 43.736, 305.142



Tritanomaly
31, 39.369, 349.634

Monochromacy



Original Color
32, 64.420, 327.293



Achromatopsia
29, 0.005, 296.813



Achromatomaly
28, 28.304, 325.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 64.420, 327.293 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(129, 27, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 27, 131)  
}
```

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(129, 27, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 27, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 64.420, 327.293 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(129, 27, 131) }
```

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

```
.border{ border-color:rgb(129, 27, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 27, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 27, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 27, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 27,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 64.420, 327.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 27, 131) }
```

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

```
.background{ background-color: rgb(129, 27,  
131) }
```

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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