

Converting Colors

CIELCh(32, 28.291, 158.034)

Have a look what the booklet for
CIELCh(32, 28.291, 158.034)
contains.

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Color

CIELCh(32, 27.995, 158.302)

Conversions

Conversions Part 1

Format	Color
Hex	1B553A
RGB	27, 85, 58
RGB Percent	11%, 33%, 23%
CMY	0.8929, 0.6656, 0.7716
CMYK	0.68, 0.00, 0.32, 0.67
HSL	152°, 51%, 22%
HSV	152°, 68%, 33%
XYZ	4.5003, 7.0852, 5.1670
YIQ	64.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

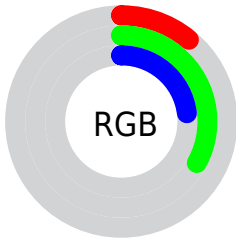
Format	Color
R_{YB}	27, 65, 85
Decimal	1791290
CIE _{Lab}	32.00, -26.01, 10.35
CIE _{LCh}	32, 27.995, 158.302
Yxy	7.0852, 0.2686, 0.4229
Android (android.graphics.Color)	4279981370 (0xFF1B553A)
YUV	64.5800, -3.2439, -32.9577
Hunter-Lab	26.6180, -16.4028, 7.1234

Details

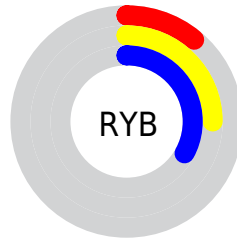
The CIELCh color **32, 27.995, 158.302** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20, 30.013, 353.384**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 27.955, 158.267**, and **13, 23.295, 151.522** is the 20% darker color. If you saturate the color by 10%, you get **32, 31.205, 156.712**, and if you desaturate by 10%, it is **32, 24.444, 159.723**.

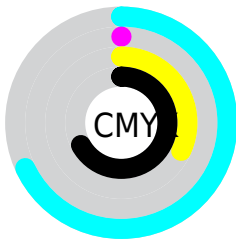
Distribution



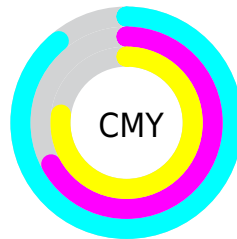
- Red (11%)
- Green (33%)
- Blue (23%)



- Red (11%)
- Yellow (25%)
- Blue (33%)



- Cyan (68%)
- Magenta (0%)
- Yellow (32%)
- Black (67%)





- Cyan (89%)
- Magenta (67%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 27.995, 158.302 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, 27.995, 158.302 by changing the saturation by 10% instead.


 32, 27.995,
158.302


 32, 27.995,
158.302

 100, 27.995,
158.302


 22, 27.995,
158.302

 52, 27.995,
158.302


 12, 27.995,
158.302


 62, 27.995,
158.302

 2, 27.995, 158.302

 72, 27.995,
158.302

 0, 27.995, 158.302

 82, 27.995,
158.302

 92, 27.995,
158.302

■ 32, 27.995,
158.302

■ 32, 27.995,
158.302

■ 32, 31.205,
156.712

■ 32, 24.444,
159.723

■ 31, 34.041,
154.943

■ 33, 20.601,
160.992

■ 31, 36.688,
153.223

■ 33, 16.526,
162.129

■ 31, 37.227,
152.909

■ 34, 12.281,
163.153

■ 35, 7.928, 164.084

■ 36, 3.520, 164.959

■ 36, 0.897, 345.412

■ 37, 5.287, 346.331

■ 38, 9.620, 347.010

Harmonies

Complementary

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



32, 27.995, 158.302



20, 30.013, 353.384

Rectangle

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



32, 27.995, 158.302



32, 27.995, 208.302



32, 27.995, 338.302



32, 27.995, 28.302

Sweetspot

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



32, 27.995, 158.302



44, 10.847, 163.843



33, 37.028, 127.535



22, 7.454, 163.686



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 27.995, 158.302



41, 39.505, 155.549



32, 18.411, 200.772



17, 2.505, 164.886



39, 44.268, 152.171



82, 81.289, 150.528

Inverse Universe

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



20, 30.013, 353.384



24, 41.641, 357.157



20, 29.851, 29.855



16, 2.537, 346.147



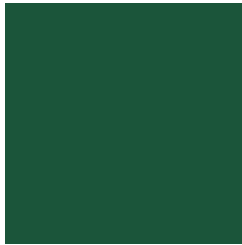
21, 44.708, 2.747



50, 79.266, 6.029

Previews

White Background



This preview shows how the CIE LCh color 32, 27.995, 158.302 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, 27.995, 158.302 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, 27.995, 158.302

Background



This preview shows how black text looks on a background with the CIELCh color 32, 27.995, 158.302.



This preview shows how white text looks on a background with the CIELCh color 32, 27.995, 158.302.

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

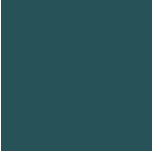
32, 27.995, 158.302

Protanopia

32, 13.506, 95.425

Deuteranopia

32, 10.010, 63.696



Tritanopia
32, 15.305, 211.955

Trichromacy



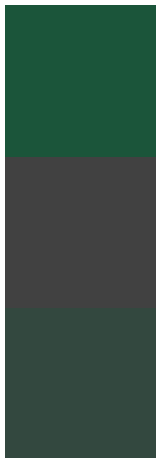
Original Color
32, 27.995, 158.302

Protanomaly
32, 16.632, 136.956

Deuteranomaly
31, 12.058, 135.016

Tritanomaly
32, 17.993, 184.584

Monochromacy



Original Color
32, 27.995, 158.302

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 10.808, 165.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 27.995, 158.302 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(27, 85, 58)` looks like.

```
.text, #text, p{  
    color:rgb(27, 85, 58)  
}
```

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(27, 85, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 85, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 27.995, 158.302 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(27, 85, 58) }
```

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

```
.border{ border-color:rgb(27, 85, 58) }
```

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

Here you see how a box with a 4 pixel rgb(27, 85, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 85, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 85, 58);  
box-shadow:4px 4px 4px 4px rgb(27, 85, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 27.995, 158.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 85, 58) }
```

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

```
.background{ background-color: rgb(27, 85,  
58) }
```

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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