

Converting Colors

CIELCh(32, 27.988, 164.485)

Have a look what the booklet for
CIELCh(32, 27.988, 164.485)
contains.

CIELCh(32, 28.095, 164.513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(32, 28.095, 164.513)

Conversions

Conversions Part 1

Format	Color
Hex	11563F
RGB	17, 86, 63
RGB Percent	7%, 34%, 25%
CMY	0.9348, 0.6638, 0.7539
CMYK	0.81, 0.00, 0.27, 0.66
HSL	160°, 68%, 20%
HSV	160°, 81%, 34%
XYZ	4.4213, 7.0852, 5.8010
YIQ	62.7470, -33.7410, -21.7810

Conversions

Conversions Part 2

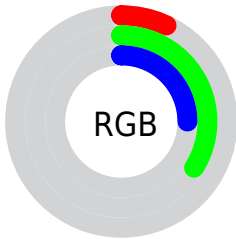
Format	Color
R_{YB}	17, 58, 86
Decimal	1136191
CIE _{Lab}	32.00, -27.07, 7.50
CIE _{LCh}	32, 28.095, 164.513
Yxy	7.0852, 0.2555, 0.4094
Android (android.graphics.Color)	4279326271 (0xFF11563F)
YUV	62.7470, 0.1247, -40.1201
Hunter-Lab	26.6180, -16.9319, 5.7111

Details

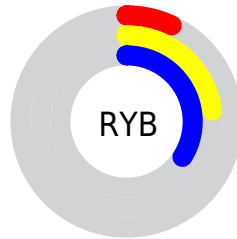
The CIELCh color **32, 28.095, 164.513** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18, 33.233, 6.650**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 27.763, 165.156**, and **13, 21.531, 156.170** is the 20% darker color. If you saturate the color by 10%, you get **32, 30.273, 162.782**, and if you desaturate by 10%, it is **32, 25.552, 166.084**.

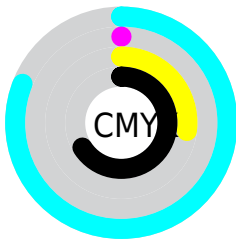
Distribution



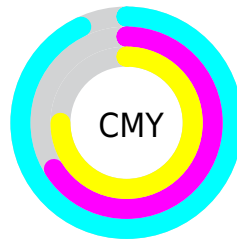
- Red (7%)
- Green (34%)
- Blue (25%)



- Red (7%)
- Yellow (23%)
- Blue (34%)



- Cyan (81%)
- Magenta (0%)
- Yellow (27%)
- Black (66%)





- Cyan (93%)
- Magenta (66%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 28.095, 164.513 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, 28.095, 164.513 by changing the saturation by 10% instead.


 32, 28.095,
164.513

 32, 28.095,
164.513

 100, 28.095,
164.513


 22, 28.095,
164.513

 52, 28.095,
164.513


 12, 28.095,
164.513


 62, 28.095,
164.513

 2, 28.095, 164.513

 72, 28.095,
164.513

 0, 28.095, 164.513

 82, 28.095,
164.513

 92, 28.095,
164.513

■ 32, 28.095,
164.513

■ 32, 28.095,
164.513

■ 32, 30.273,
162.782

■ 32, 25.552,
166.084

■ 32, 32.244,
161.268

■ 33, 22.646,
167.500

■ 33, 19.416,
168.778

■ 34, 15.910,
169.939

■ 34, 12.185,
171.001

■ 35, 8.299, 171.982

■ 36, 4.304, 172.912

■ 36, 0.249, 174.712

Harmonies

Complementary

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



32, 28.095, 164.513



18, 33.233, 6.650

Rectangle

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



32, 28.095, 164.513



32, 28.095, 214.513



32, 28.095, 344.513



32, 28.095, 34.513

Sweetspot

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



32, 28.095, 164.512



45, 12.010, 171.578



32, 44.299, 131.427



22, 8.141, 171.364



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, 28.095, 164.512



41, 38.735, 160.989



29, 18.177, 221.593



17, 2.291, 173.082



40, 38.079, 160.583



83, 69.497, 158.999

Inverse Universe

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



18, 33.233, 6.650



23, 45.836, 14.166



19, 33.732, 39.606



16, 2.340, 354.430



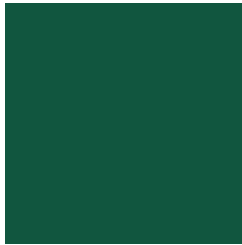
21, 45.159, 15.045



50, 81.503, 19.066

Previews

White Background



This preview shows how the CIELCh color 32, 28.095, 164.513 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, 28.095, 164.513 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, 28.095, 164.513

Background



This preview shows how black text looks on a background with the CIELCh color 32, 28.095, 164.513.



This preview shows how white text looks on a background with the CIELCh color 32, 28.095, 164.513.

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, 28.095, 164.513

Protanopia

32, 10.957, 95.750

Deuteranopia

32, 7.544, 50.207



Tritanopia
32, 16.942, 212.598

Trichromacy



Original Color
32, 28.095, 164.513

Protanomaly
31, 15.513, 146.625

Deuteranomaly
31, 10.422, 151.002

Tritanomaly
32, 19.549, 189.151

Monochromacy



Original Color
32, 28.095, 164.513

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 12.498, 169.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 28.095, 164.513 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(17, 86, 63)` looks like.

```
.text, #text, p{  
    color:rgb(17, 86, 63)  
}
```

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(17, 86, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 86, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 28.095, 164.513 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(17, 86, 63) }
```

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

```
.border{ border-color:rgb(17, 86, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 86, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 86, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 86, 63);  
box-shadow:4px 4px 4px 4px rgb(17, 86, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 28.095, 164.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 86, 63) }
```

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

```
.background{ background-color: rgb(17, 86,  
63) }
```

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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