

Converting Colors

CIELCh(27, 32.683, 141.207)

Have a look what the booklet for
CIELCh(27, 32.683, 141.207)
contains.

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Color

CIELCh(27, 32.790, 141.472)

Conversions

Conversions Part 1

Format	Color
Hex	1C491F
RGB	28, 73, 31
RGB Percent	11%, 29%, 12%
CMY	0.8907, 0.7142, 0.8788
CMYK	0.62, 0.00, 0.58, 0.71
HSL	124°, 45%, 20%
HSV	124°, 62%, 29%
XYZ	3.0966, 5.0937, 2.1092
YIQ	54.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

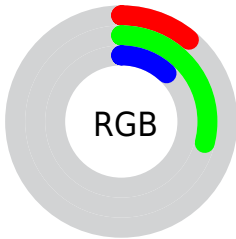
Format	Color
R_{YB}	28, 70, 73
Decimal	1853727
CIE Lab	27.00, -25.65, 20.42
CIE LCh	27, 32.790, 141.472
Yxy	5.0937, 0.3007, 0.4946
Android (android.graphics.Color)	4280043807 (0xFF1C491F)
YUV	54.7570, -11.7122, -23.4659
Hunter-Lab	22.5692, -15.0049, 10.2576

Details

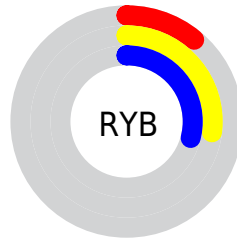
The CIELCh color **27, 32.790, 141.472** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19, 32.463, 329.348**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 32.688, 141.301**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **27, 37.232, 140.351**, and if you desaturate by 10%, it is **27, 27.915, 142.517**.

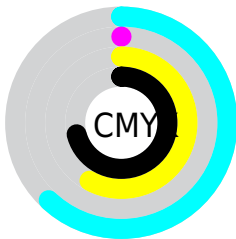
Distribution



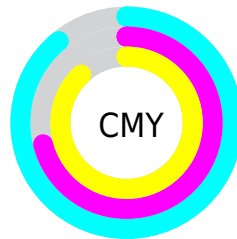
- Red (11%)
- Green (29%)
- Blue (12%)



- Red (11%)
- Yellow (27%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (58%)
- Black (71%)





- Cyan (89%)
- Magenta (71%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 32.790, 141.472 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 27, 32.790, 141.472 by changing the saturation by 10% instead.

 27, 32.790,
141.472


 27, 32.790,
141.472

 100, 32.790,
141.472


 17, 32.790,
141.472


 47, 32.790,
141.472


 7, 32.790, 141.472

 57, 32.790,
141.472

 0, 32.790, 141.472

 67, 32.790,
141.472

 77, 32.790,
141.472

 87, 32.790,
141.472

 97, 32.790,

141.472

■ 27, 32.790,
141.472

■ 27, 32.790,
141.472

■ 27, 37.232,
140.351

■ 27, 27.915,
142.517

■ 26, 41.099,
139.203

■ 28, 22.736,
143.462

■ 26, 44.293,
138.181

■ 29, 17.363,
144.299

■ 26, 46.751,
137.541

■ 29, 11.892,
145.034

■ 30, 6.399, 145.679

■ 31, 0.943, 146.349

■ 32, 4.431, 326.654

■ 33, 9.694, 327.083

■ 34, 14.824,
327.446

Harmonies

Complementary

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



27, 32.790, 141.472



19, 32.463, 329.348

Rectangle

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



27, 32.790, 141.472



27, 32.790, 191.472



27, 32.790, 321.472



27, 32.790, 11.472

Sweetspot

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



27, 32.790, 141.472



38, 12.860, 145.171



30, 27.417, 108.200



19, 8.929, 145.067



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 32.790, 141.472



35, 46.858, 139.769



27, 22.086, 161.239



14, 2.977, 145.871



36, 58.458, 137.119



79, 108.508, 136.457

Inverse Universe

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



19, 32.463, 329.348



23, 45.729, 329.976



18, 24.030, 354.237



13, 2.983, 326.700



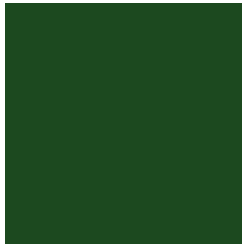
22, 55.129, 330.919



53, 100.329, 331.135

Previews

White Background



This preview shows how the CIELCh color 27, 32.790, 141.472 looks on a white background.

Color Contrast Check

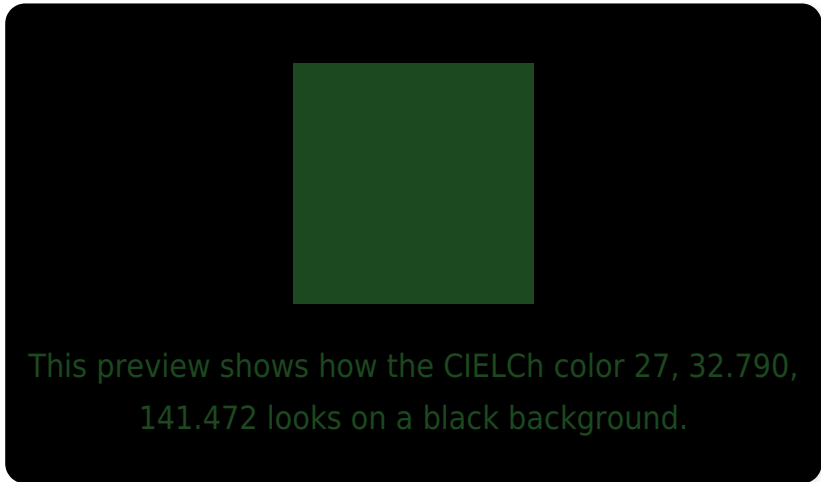
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

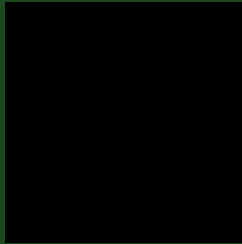
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 32.790, 141.472

Background



This preview shows how black text looks on a background with the CIELCh color 27, 32.790, 141.472.



This preview shows how white text looks on a background with the CIELCh color 27, 32.790, 141.472.

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

27, 32.790, 141.472

Protanopia

27, 22.972, 96.359

Deuteranopia

27, 19.679, 79.784



Tritanopia
27, 11.438, 217.993

Trichromacy



Original Color
27, 32.790, 141.472

Protanomaly
26, 24.497, 119.649

Deuteranomaly
26, 20.420, 113.148

Tritanomaly
27, 16.425, 168.347

Monochromacy



Original Color
27, 32.790, 141.472

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 13.182, 144.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 32.790, 141.472 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(28, 73, 31)` looks like.

```
.text, #text, p{  
    color:rgb(28, 73, 31)  
}
```

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(28, 73, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 73, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 32.790, 141.472 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(28, 73, 31) }
```

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

```
.border{ border-color:rgb(28, 73, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 73, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 73, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 73, 31);  
box-shadow:4px 4px 4px 4px rgb(28, 73, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 32.790, 141.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 73, 31) }
```

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

```
.background{ background-color: rgb(28, 73,  
31) }
```

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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