

Converting Colors

CIELCh(27, 28.640, 143.558)

Have a look what the booklet for
CIELCh(27, 28.640, 143.558)
contains.

CIELCh(27, 28.368, 143.780)	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(27, 28.368, 143.780)

Conversions

Conversions Part 1

Format	Color
Hex	204825
RGB	32, 72, 37
RGB Percent	13%, 28%, 15%
CMY	0.8740, 0.7172, 0.8545
CMYK	0.55, 0.00, 0.49, 0.72
HSL	127°, 38%, 20%
HSV	127°, 55%, 28%
XYZ	3.2603, 5.0937, 2.5707
YIQ	56.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

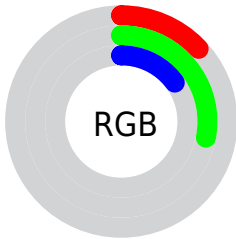
Format	Color
R_YB	32, 68, 72
Decimal	2115621
CIE _{Lab}	27.00, -22.89, 16.76
CIE _{LCh}	27, 28.368, 143.780
Yxy	5.0937, 0.2984, 0.4663
Android (android.graphics.Color)	4280305701 (0xFF204825)
YUV	56.0500, -9.3916, -21.0918
Hunter-Lab	22.5692, -13.7102, 9.0451

Details

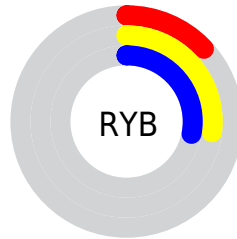
The CIELCh color **27, 28.368, 143.780** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19, 28.217, 331.001**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 28.487, 143.432**, and **8, 21.034, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **27, 32.921, 142.655**, and if you desaturate by 10%, it is **27, 23.508, 144.793**.

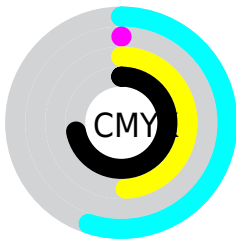
Distribution



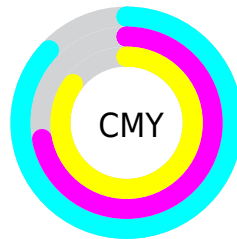
- Red (13%)
- Green (28%)
- Blue (15%)



- Red (13%)
- Yellow (27%)
- Blue (28%)



- Cyan (55%)
- Magenta (0%)
- Yellow (49%)
- Black (72%)




- Cyan (87%)
- Magenta (72%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 28.368, 143.780 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, 28.368, 143.780 by changing the saturation by 10% instead.

 27, 28.368,
143.780


 27, 28.368,
143.780

 100, 28.368,
143.780

 17, 28.368,
143.780


 47, 28.368,
143.780


 7, 28.368, 143.780

 57, 28.368,
143.780

 0, 28.368, 143.780

 67, 28.368,
143.780

 77, 28.368,
143.780

 87, 28.368,
143.780

 97, 28.368,

143.780

■ 27, 28.368,
143.780

■ 27, 28.368,
143.780

■ 27, 32.921,
142.655

■ 27, 23.508,
144.793

■ 26, 37.057,
141.434

■ 28, 18.442,
145.689

■ 26, 40.660,
140.159

■ 29, 13.258,
146.476

■ 26, 43.760,
139.113

■ 29, 8.030, 147.166

■ 26, 45.039,
138.808

■ 30, 2.819, 147.793

■ 31, 2.331, 328.201

■ 32, 7.386, 328.694

■ 33, 12.324,
329.096

■ 34, 17.129,
329.446

Harmonies

Complementary

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



27, 28.368, 143.780



19, 28.217, 331.001

Rectangle

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



27, 28.368, 143.780



27, 28.368, 193.780



27, 28.368, 323.780



27, 28.368, 13.780

Sweetspot

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



27, 28.368, 143.780



38, 11.042, 147.021



29, 24.762, 110.930



19, 7.450, 146.964



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, 28.368, 143.780



35, 41.719, 142.151



27, 19.089, 165.058



14, 2.859, 147.599



36, 57.157, 138.057



79, 106.900, 137.074

Inverse Universe

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



19, 28.217, 331.001



24, 40.982, 331.752



19, 21.145, 356.607



13, 2.866, 328.451



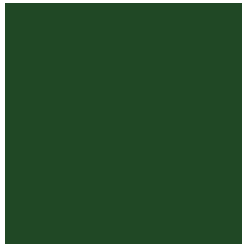
21, 52.830, 333.546



52, 95.846, 334.000

Previews

White Background



This preview shows how the CIELCh color 27, 28.368, 143.780 looks on a white background.

Color Contrast Check

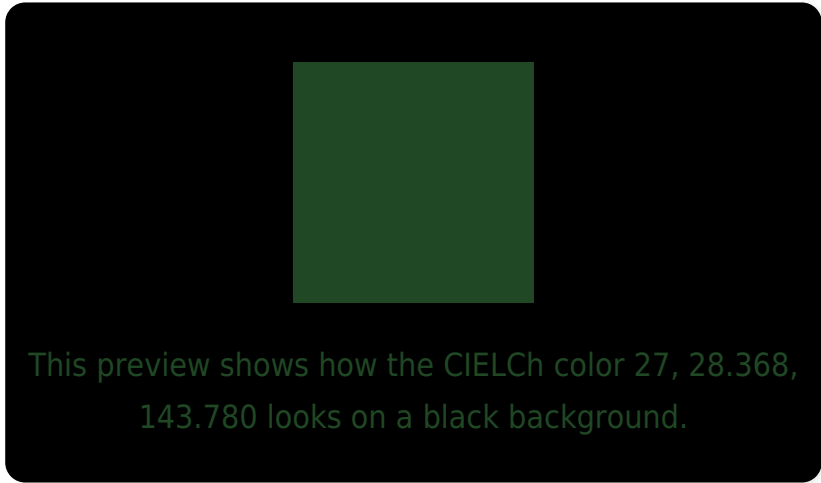
Large Text (above 18pt) WCAG AA ✓ Pass

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

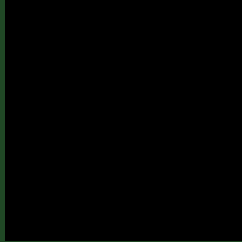
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 28.368, 143.780

Background



This preview shows how black text looks on a background with the CIELCh color 27, 28.368, 143.780.



This preview shows how white text looks on a background with the CIELCh color 27, 28.368, 143.780.

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

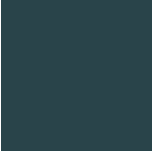
27, 28.368, 143.780

Protanopia

27, 19.360, 97.090

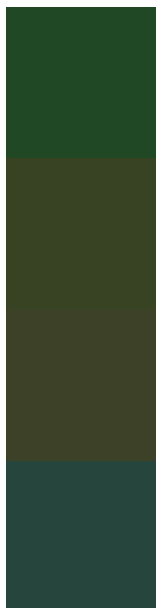
Deuteranopia

27, 16.010, 76.634



Tritanopia
27, 10.850, 219.213

Trichromacy



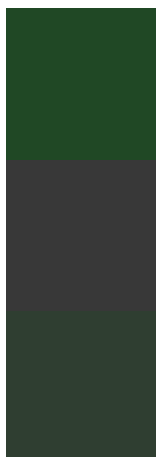
Original Color
27, 28.368, 143.780

Protanomaly
27, 20.961, 121.163

Deuteranomaly
27, 16.733, 113.610

Tritanomaly
27, 13.806, 174.903

Monochromacy



Original Color
27, 28.368, 143.780

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 11.033, 146.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 28.368, 143.780 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(32, 72, 37)` looks like.

```
.text, #text, p{  
    color:rgb(32, 72, 37)  
}
```

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(32, 72, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 72, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 28.368, 143.780 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(32, 72, 37) }
```

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

```
.border{ border-color:rgb(32, 72, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 72, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 72, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 72, 37);  
box-shadow:4px 4px 4px 4px rgb(32, 72, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 28.368, 143.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 72, 37) }
```

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

```
.background{ background-color: rgb(32, 72,  
37) }
```

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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