

Converting Colors

CIELCh(27, 36.052, 137.697)

Have a look what the booklet for
CIELCh(27, 36.052, 137.697)
contains.

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Color

CIELCh(27, 36.035, 137.761)

Conversions

Conversions Part 1

Format	Color
Hex	1C4918
RGB	28, 73, 24
RGB Percent	11%, 29%, 9%
CMY	0.8898, 0.7133, 0.9055
CMYK	0.62, 0.00, 0.67, 0.71
HSL	115°, 50%, 19%
HSV	115°, 67%, 29%
XYZ	3.0373, 5.0937, 1.6926
YIQ	53.9590, -11.0910, -24.7790

Conversions

Conversions Part 2

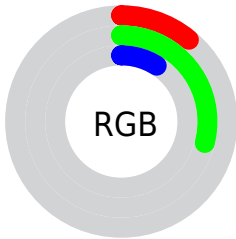
Format	Color
R_{YB}	24, 73, 69
Decimal	1853720
CIE _{Lab}	27.00, -26.68, 24.22
CIE _{LCh}	27, 36.035, 137.761
Yxy	5.0937, 0.3092, 0.5185
Android (android.graphics.Color)	4280043800 (0xFF1C4918)
YUV	53.9590, -14.7698, -22.7660
Hunter-Lab	22.5692, -15.4742, 11.3520

Details

The CIELCh color **27, 36.035, 137.761** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17, 36.013, 324.892**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 36.031, 137.746**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **27, 40.267, 136.981**, and if you desaturate by 10%, it is **27, 31.254, 138.581**.

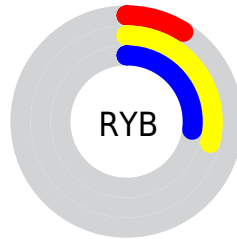
Distribution



Red (11%)

Green (29%)

Blue (9%)



Red (9%)

Yellow (29%)

Blue (27%)

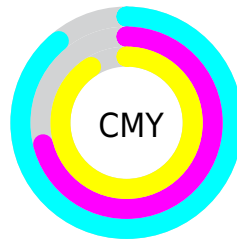


Cyan (62%)

Magenta (0%)

Yellow (67%)

Black (71%)



Cyan (89%)


Magenta (71%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 36.035, 137.761 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, 36.035, 137.761 by changing the saturation by 10% instead.

 27, 36.035,
137.761


 27, 36.035,
137.761

 100, 36.035,
137.761


 17, 36.035,
137.761


 47, 36.035,
137.761


 7, 36.035, 137.761

 57, 36.035,
137.761

 0, 36.035, 137.761

 67, 36.035,
137.761

 77, 36.035,
137.761

 87, 36.035,
137.761

 97, 36.035,

137.761

■ 27, 36.035,
137.761

■ 27, 36.035,
137.761

■ 27, 40.267,
136.981

■ 27, 31.254,
138.581

■ 26, 43.765,
136.325

■ 28, 26.088,
139.379

■ 26, 46.923,
135.442

■ 28, 20.673,
140.122

■ 26, 47.864,
135.170

■ 29, 15.118,
140.793

■ 30, 9.507, 141.390

■ 30, 3.905, 141.927

■ 31, 1.639, 322.277

■ 32, 7.090, 322.721

■ 33, 12.424,
323.064

Harmonies

Complementary

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



27, 36.035, 137.761



17, 36.013, 324.892

Rectangle

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



27, 36.035, 137.761



27, 36.035, 187.761



27, 36.035, 317.761



27, 36.035, 7.761

Sweetspot

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



27, 36.035, 137.762



38, 13.805, 141.177



29, 27.518, 100.379



19, 9.500, 141.092



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, 36.035, 137.762



35, 50.552, 136.569



27, 27.123, 152.898



14, 3.035, 141.847



36, 59.472, 135.315



79, 109.236, 135.722

Inverse Universe

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



17, 36.013, 324.892



21, 50.068, 325.185



17, 27.791, 345.499



13, 3.044, 322.575



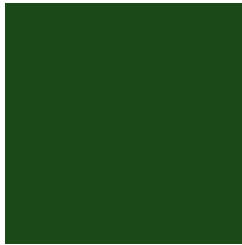
21, 58.204, 325.222



51, 106.370, 325.002

Previews

White Background



This preview shows how the CIE LCh color 27, 36.035, 137.761 looks on a white background.

Color Contrast Check

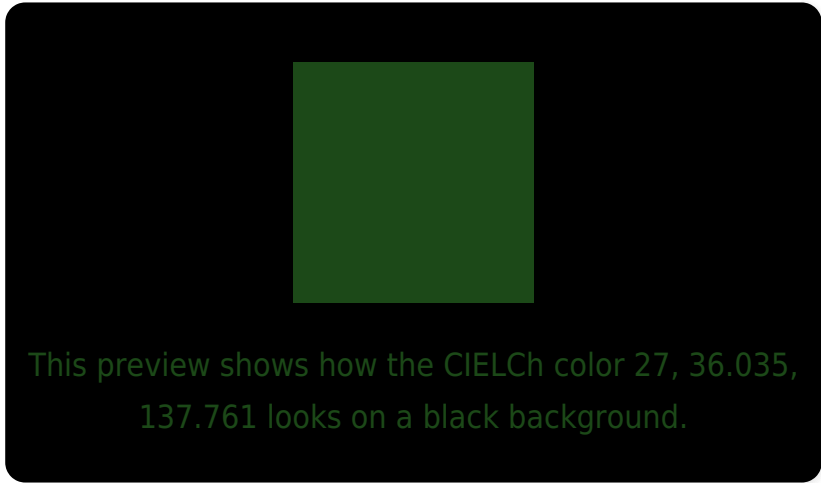
Large Text (above 18pt) WCAG AA ✓ Pass

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

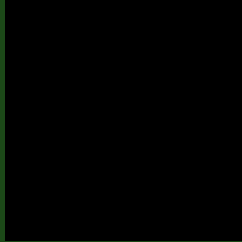
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 36.035, 137.761

Background



This preview shows how black text looks on a background with the CIELCh color 27, 36.035, 137.761.



This preview shows how white text looks on a background with the CIELCh color 27, 36.035, 137.761.

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, 36.035, 137.761

Protanopia

27, 26.282, 96.738

Deuteranopia

27, 23.287, 81.605



Tritanopia
27, 11.146, 218.583

Trichromacy



Original Color
27, 36.035, 137.761

Protanomaly
26, 27.713, 117.499

Deuteranomaly
26, 23.890, 111.499

Tritanomaly
27, 16.939, 164.189

Monochromacy



Original Color
27, 36.035, 137.761

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 14.053, 139.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 36.035, 137.761 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(28, 73, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 73, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 36.035, 137.761 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, 24) }
```

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

```
.border{ border-color:rgb(28, 73, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 73, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 73, 24);  
box-shadow:4px 4px 4px 4px rgb(28, 73, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 36.035, 137.761 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, 24) }
```

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

```
.background{ background-color: rgb(28, 73,  
24) }
```

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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