

Converting Colors

CIELCh(29, 36.624, 150.801)

Have a look what the booklet for
CIELCh(29, 36.624, 150.801)
contains.

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Color

CIELCh(29, 36.962, 150.474)

Conversions

Conversions Part 1

Format	Color
Hex	015027
RGB	1, 80, 39
RGB Percent	0%, 31%, 15%
CMY	0.9944, 0.6877, 0.8483
CMYK	0.98, 0.00, 0.51, 0.69
HSL	149°, 96%, 16%
HSV	149°, 98%, 31%
XYZ	3.2210, 5.8380, 2.8483
YIQ	51.7050, -33.9230, -29.4990

Conversions

Conversions Part 2

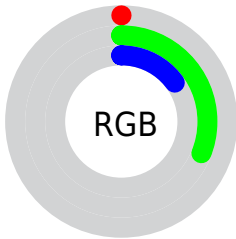
Format	Color
R_{YB}	1, 54, 80
Decimal	86055
CIE Lab	29.00, -32.16, 18.22
CIE LCh	29, 36.962, 150.474
Yxy	5.8380, 0.2705, 0.4903
Android (android.graphics.Color)	4278276135 (0xFF015027)
YUV	51.7050, -6.2636, -44.4683
Hunter-Lab	24.1619, -18.4876, 9.9240

Details

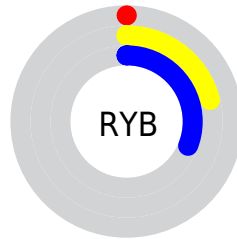
The CIELCh color **29, 36.962, 150.474** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15, 36.634, 355.658**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 36.796, 150.701**, and **11, 26.856, 143.520** is the 20% darker color. If you saturate the color by 10%, you get **29, 37.463, 150.213**, and if you desaturate by 10%, it is **29, 34.192, 152.096**.

Distribution



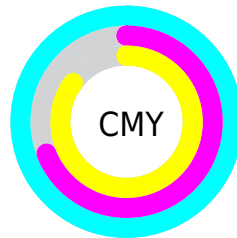
- Red (0%)
- Green (31%)
- Blue (15%)



- Red (0%)
- Yellow (21%)
- Blue (31%)



- Cyan (98%)
- Magenta (0%)
- Yellow (51%)
- Black (69%)



- Cyan (99%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 36.962, 150.474 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 29, 36.962, 150.474 by changing the saturation by 10% instead.

 29, 36.962,
150.474

 29, 36.962,
150.474

 100, 36.962,
150.474

 19, 36.962,
150.474

 49, 36.962,
150.474

 9, 36.962, 150.474

 59, 36.962,
150.474

 0, 36.962, 150.474

 69, 36.962,
150.474

 79, 36.962,
150.474

 89, 36.962,
150.474

 99, 36.962,

150.474

■ 29, 36.962,
150.474

■ 29, 36.962,
150.474

■ 29, 37.463,
150.213

■ 29, 34.192,
152.096

■ 29, 31.270,
153.829

■ 30, 27.993,
155.389

■ 30, 24.396,
156.782

■ 31, 20.528,
158.021

■ 31, 16.452,
159.127

■ 32, 12.228,
160.117

■ 32, 7.913, 161.012

■ 33, 3.561, 161.844

Harmonies

Complementary

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



29, 36.962, 150.474



15, 36.634, 355.658

Rectangle

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



29, 36.962, 150.474



29, 36.962, 200.474



29, 36.962, 330.474



29, 36.962, 20.474

Sweetspot

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



29, 36.962, 150.474



42, 15.737, 159.939



30, 45.165, 125.438



21, 10.869, 159.692



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



29, 36.962, 150.474



38, 46.091, 149.298



30, 21.901, 191.884



16, 2.479, 161.797



81, 85.593, 147.617

Inverse Universe

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



15, 36.634, 355.658



21, 44.503, 357.491



14, 39.599, 30.673



15, 2.504, 342.979



50, 79.161, 0.402

Previews

White Background



This preview shows how the CIELCh color 29, 36.962, 150.474 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 29, 36.962, 150.474 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 29, 36.962, 150.474

Background



This preview shows how black text looks on a background with the CIELCh color 29, 36.962, 150.474.



This preview shows how white text looks on a background with the CIELCh color 29, 36.962, 150.474.

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
29, 37.069, 150.611

Protanopia
29, 21.625, 96.497

Deuteranopia
29, 17.734, 78.061



Tritanopia
29, 15.413, 211.964

Trichromacy



Original Color
29, 37.069, 150.611

Protanomaly
28, 25.788, 131.901

Deuteranomaly
28, 20.837, 130.735

Tritanomaly
29, 21.296, 176.745

Monochromacy



Original Color
29, 37.069, 150.611

Achromatopsia
22, 0.004, 296.813

Achromatomaly
24, 15.863, 157.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 36.962, 150.474 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(1, 80, 39)` looks like.

```
.text, #text, p{  
    color:rgb(1, 80, 39)  
}
```

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(1, 80, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 80, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 36.962, 150.474 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(1, 80, 39) }
```

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

```
.border{ border-color:rgb(1, 80, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 80, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 80, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 80, 39); box-shadow:4px  
4px 4px 4px rgb(1, 80, 39) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 36.962, 150.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 80, 39) }
```

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

```
.background{ background-color: rgb(1, 80,  
39) }
```

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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