

Converting Colors

CIELCh(24, 29.140, 140.971)

Have a look what the booklet for
CIELCh(24, 29.140, 140.971)
contains.

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Color

CIELCh(24, 29.205, 140.873)

Conversions

Conversions Part 1

Format	Color
Hex	1B411C
RGB	27, 65, 28
RGB Percent	11%, 25%, 11%
CMY	0.8940, 0.7450, 0.8901
CMYK	0.58, 0.00, 0.57, 0.75
HSL	122°, 41%, 18%
HSV	122°, 58%, 25%
XYZ	2.5539, 4.1002, 1.7566
YIQ	49.4200, -10.7710, -19.5630

Conversions

Conversions Part 2

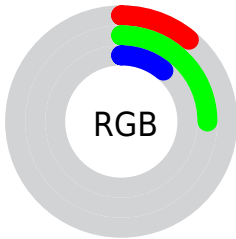
Format	Color
R_{YB}	27, 64, 65
Decimal	1786140
CIE Lab	24.00, -22.66, 18.43
CIE LCh	24, 29.205, 140.873
Yxy	4.1002, 0.3036, 0.4875
Android (android.graphics.Color)	4279976220 (0xFF1B411C)
YUV	49.4200, -10.5601, -19.6623
Hunter-Lab	20.2490, -12.9227, 9.0309




Details

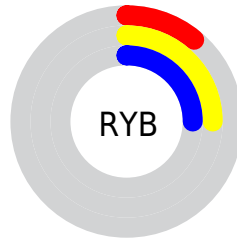
The CIELCh color **24, 29.205, 140.873** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17, 29.011, 327.872**, and the grayscale version is **21, 0.004, 296.813**.




A 20% lighter version of the original color is **44, 29.318, 140.818**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 33.509, 139.848**, and if you desaturate by 10%, it is **24, 24.535, 141.831**.

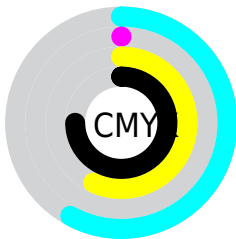
Distribution







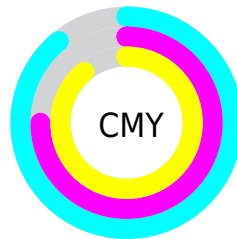
-  Red (11%)
-  Green (25%)
-  Blue (11%)






-  Red (11%)
-  Yellow (25%)
-  Blue (25%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (57%)
-  Black (75%)





-  Cyan (89%)
-  Magenta (75%)
-  Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 29.205, 140.873 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 24, 29.205, 140.873 by changing the saturation by 10% instead.

 24, 29.205,
140.873


 24, 29.205,
140.873

 100, 29.205,
140.873

 14, 29.205,
140.873


 44, 29.205,
140.873


 4, 29.205, 140.873

 54, 29.205,
140.873

 0, 29.205, 140.873

 64, 29.205,
140.873

 74, 29.205,
140.873

 84, 29.205,
140.873

 94, 29.205,

140.873

■ 24, 29.205,
140.873

■ 24, 29.205,
140.873

■ 24, 33.509,
139.848

■ 24, 24.535,
141.831

■ 23, 37.309,
138.804

■ 25, 19.616,
142.698

■ 23, 40.470,
137.868

■ 26, 14.550,
143.468

■ 23, 43.430,
137.235

■ 26, 9.420, 144.145

■ 23, 43.898,
137.153

■ 27, 4.290, 144.744

■ 28, 0.790, 325.071

■ 29, 5.785, 325.638

■ 29, 10.668,
326.025

■ 30, 15.425,
326.356

Harmonies

Complementary

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



24, 29.205, 140.873



17, 29.011, 327.872

Rectangle

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



24, 29.205, 140.873



24, 29.205, 190.873



24, 29.205, 320.873



24, 29.205, 10.873

Sweetspot

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



24, 29.205, 140.873



34, 11.395, 144.125



27, 23.745, 106.127



17, 7.992, 144.032



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 29.205, 140.873



31, 41.970, 139.377



24, 20.043, 159.068



12, 2.873, 144.738



35, 58.318, 136.467



78, 108.307, 136.183

Inverse Universe

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



17, 29.011, 327.872



21, 41.314, 328.408



16, 21.295, 350.258



12, 2.878, 325.535



21, 55.800, 329.237



53, 102.763, 329.317

Previews

White Background



This preview shows how the CIELCh color 24, 29.205, 140.873 looks on a white background.

Color Contrast Check

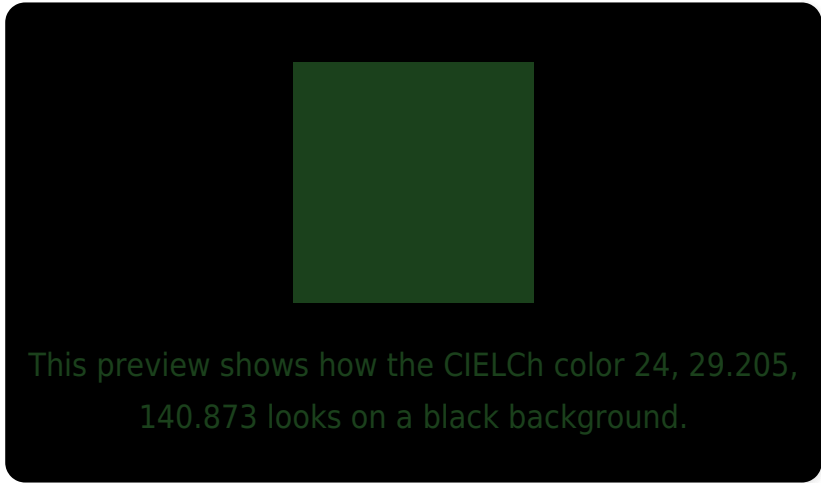
Large Text (above 18pt) WCAG AA ✓ Pass

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

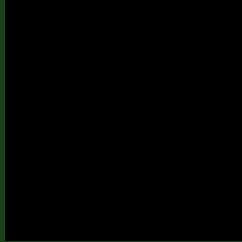
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 29.205, 140.873

Background



This preview shows how black text looks on a background with the CIELCh color 24, 29.205, 140.873.



This preview shows how white text looks on a background with the CIELCh color 24, 29.205, 140.873.

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

24, 29.205, 140.873

Protanopia

24, 20.232, 96.716

Deuteranopia

24, 17.504, 77.836



Tritanopia
24, 10.132, 217.151

Trichromacy



Original Color
24, 29.205, 140.873

Protanomaly
24, 21.686, 119.233

Deuteranomaly
23, 18.217, 112.672

Tritanomaly
24, 14.024, 168.696

Monochromacy



Original Color
24, 29.205, 140.873

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 11.519, 143.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 29.205, 140.873 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(27, 65, 28)` looks like.

```
.text, #text, p{  
    color:rgb(27, 65, 28)  
}
```

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(27, 65, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 65, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 29.205, 140.873 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(27, 65, 28) }
```

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

```
.border{ border-color:rgb(27, 65, 28) }
```

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

Here you see how a box with a 4 pixel rgb(27, 65, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 65, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 65, 28);  
box-shadow:4px 4px 4px 4px rgb(27, 65, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 29.205, 140.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 65, 28) }
```

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

```
.background{ background-color: rgb(27, 65,  
28) }
```

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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