

Converting Colors

CIELCh(28, 36.414, 141.232)

Have a look what the booklet for
CIELCh(28, 36.414, 141.232)
contains.

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Color

CIELCh(28, 36.352, 141.445)

Conversions

Conversions Part 1

Format	Color
Hex	184C1D
RGB	24, 76, 29
RGB Percent	9%, 30%, 11%
CMY	0.9057, 0.7018, 0.8861
CMYK	0.68, 0.00, 0.62, 0.70
HSL	126°, 52%, 20%
HSV	126°, 68%, 30%
XYZ	3.1867, 5.4574, 2.0499
YIQ	55.0940, -15.9050, -25.6410

Conversions

Conversions Part 2

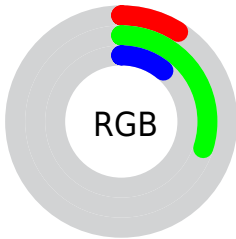
Format	Color
RYB	24, 71, 76
Decimal	1592349
CIELab	28.00, -28.43, 22.66
CIElCh	28, 36.352, 141.445
Yxy	5.4574, 0.2980, 0.5103
Android (android.graphics.Color)	4279782429 (0xFF184C1D)
YUV	55.0940, -12.8643, -27.2694
Hunter-Lab	23.3610, -16.5322, 11.1501

Details

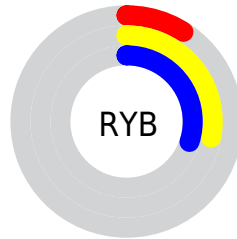
The CIELCh color **28, 36.352, 141.445** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 35.750, 330.663**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 36.874, 141.446**, and **10, 24.116, 144.119** is the 20% darker color. If you saturate the color by 10%, you get **28, 40.523, 140.237**, and if you desaturate by 10%, it is **28, 31.666, 142.587**.

Distribution



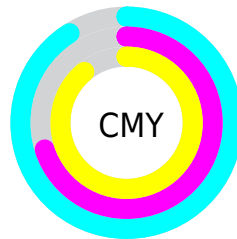
- Red (9%)
- Green (30%)
- Blue (11%)



- Red (9%)
- Yellow (28%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (62%)
- Black (70%)





- Cyan (91%)
- Magenta (70%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 36.352, 141.445 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 28, 36.352, 141.445 by changing the saturation by 10% instead.

 28, 36.352,
141.445


 28, 36.352,
141.445

 100, 36.352,
141.445


 18, 36.352,
141.445


 48, 36.352,
141.445

 8, 36.352, 141.445

 58, 36.352,
141.445

 0, 36.352, 141.445

 68, 36.352,
141.445

 78, 36.352,
141.445

 88, 36.352,
141.445

 98, 36.352,

141.445

■ 28, 36.352,
141.445

■ 28, 36.352,
141.445

■ 28, 40.523,
140.237

■ 28, 31.666,
142.587

■ 27, 44.043,
139.028

■ 29, 26.594,
143.630

■ 27, 47.015,
138.193

■ 29, 21.258,
144.560

■ 27, 47.484,
138.080

■ 30, 15.761,
145.378

■ 31, 10.193,
146.094

■ 32, 4.624, 146.728

■ 32, 0.891, 327.075

■ 33, 6.312, 327.675

■ 34, 11.611,
328.089

Harmonies

Complementary

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



28, 36.352, 141.445



19, 35.750, 330.663

Rectangle

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



28, 36.352, 141.445



28, 36.352, 191.445



28, 36.352, 321.445



28, 36.352, 11.445

Sweetspot

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



28, 36.352, 141.445



40, 14.556, 145.860



31, 30.989, 108.591



20, 9.936, 145.760



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



28, 36.352, 141.445



36, 51.698, 139.414



28, 24.512, 161.219



15, 3.095, 146.711



37, 58.909, 137.539



80, 108.722, 136.723

Inverse Universe

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



19, 35.750, 330.663



23, 49.650, 331.419



17, 27.005, 356.716



14, 3.101, 327.570



22, 54.916, 332.212



53, 98.871, 332.531

Previews

White Background



This preview shows how the CIELCh color 28, 36.352, 141.445 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 28, 36.352, 141.445 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 28, 36.352, 141.445

Background



This preview shows how black text looks on a background with the CIELCh color 28, 36.352, 141.445.



This preview shows how white text looks on a background with the CIELCh color 28, 36.352, 141.445.

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
28, 36.352, 141.445

Protanopia
28, 25.240, 95.618

Deuteranopia
28, 21.517, 80.371



Tritanopia
28, 12.578, 215.845

Trichromacy



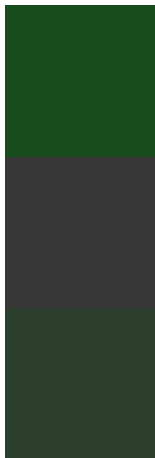
Original Color
28, 36.352, 141.445

Protanomaly
28, 27.362, 119.867

Deuteranomaly
27, 22.882, 115.827

Tritanomaly
28, 18.148, 168.936

Monochromacy



Original Color
28, 36.352, 141.445

Achromatopsia
23, 0.004, 296.813

Achromatomaly
25, 14.223, 145.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 36.352, 141.445 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(24, 76, 29)` looks like.

```
.text, #text, p{  
    color:rgb(24, 76, 29)  
}
```

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(24, 76, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 76, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 36.352, 141.445 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(24, 76, 29) }
```

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

```
.border{ border-color:rgb(24, 76, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 76, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 76, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 76, 29);  
box-shadow:4px 4px 4px 4px rgb(24, 76, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 36.352, 141.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 76, 29) }
```

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

```
.background{ background-color: rgb(24, 76,  
29) }
```

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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