

Converting Colors

CIELCh(29, 36.754, 142.370)

Have a look what the booklet for
CIElCh(29, 36.754, 142.370)
contains.

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Color

CIELCh(29, 36.821, 142.624)

Conversions

Conversions Part 1

Format	Color
Hex	184F20
RGB	24, 79, 32
RGB Percent	9%, 31%, 13%
CMY	0.9074, 0.6915, 0.8757
CMYK	0.70, 0.00, 0.60, 0.69
HSL	129°, 54%, 20%
HSV	129°, 70%, 31%
XYZ	3.3974, 5.8380, 2.2935
YIQ	57.1970, -17.6930, -26.2770

Conversions

Conversions Part 2

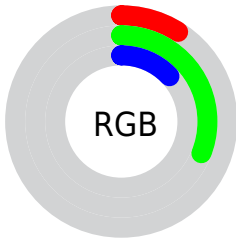
Format	Color
RYB	24, 72, 79
Decimal	1593120
CIELab	29.00, -29.26, 22.35
CIELCh	29, 36.821, 142.624
Yxy	5.8380, 0.2947, 0.5064
Android (android.graphics.Color)	4279783200 (0xFF184F20)
YUV	57.1970, -12.4221, -29.1138
Hunter-Lab	24.1619, -17.1845, 11.2855

Details

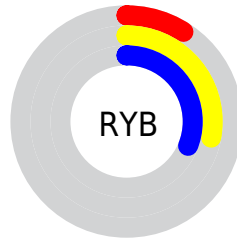
The CIELCh color **29, 36.821, 142.624** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 36.118, 332.670**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 36.716, 142.847**, and **11, 25.980, 143.748** is the 20% darker color. If you saturate the color by 10%, you get **29, 40.939, 141.313**, and if you desaturate by 10%, it is **29, 32.207, 143.844**.

Distribution



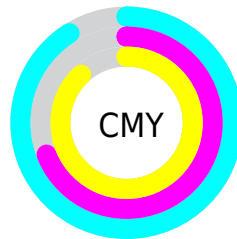
- Red (9%)
- Green (31%)
- Blue (13%)



- Red (9%)
- Yellow (28%)
- Blue (31%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (69%)





- Cyan (91%)
- Magenta (69%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 36.821, 142.624 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, 36.821, 142.624 by changing the saturation by 10% instead.

 29, 36.821,
142.624


 29, 36.821,
142.624

 100, 36.821,
142.624


 19, 36.821,
142.624


 49, 36.821,
142.624


 9, 36.821, 142.624

 59, 36.821,
142.624

 0, 36.821, 142.624

 69, 36.821,
142.624

 79, 36.821,
142.624

 89, 36.821,
142.624

 99, 36.821,

142.624

■ 29, 36.821,
142.624

■ 29, 36.821,
142.624

■ 29, 40.939,
141.313

■ 29, 32.207,
143.844

■ 28, 44.456,
139.977

■ 30, 27.212,
144.946

■ 28, 47.507,
139.029

■ 30, 21.947,
145.925

■ 28, 47.514,
139.027

■ 31, 16.513,
146.785

■ 32, 10.995,
147.537

■ 33, 5.466, 148.202

■ 33, 0.019, 320.959

■ 34, 5.418, 329.206

■ 35, 10.701,
329.652

Harmonies

Complementary

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



29, 36.821, 142.624



19, 36.118, 332.670

Rectangle

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



29, 36.821, 142.624



29, 36.821, 192.624



29, 36.821, 322.624



29, 36.821, 12.624

Sweetspot

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



29, 36.821, 142.624



41, 14.336, 147.410



32, 32.596, 110.908



20, 9.583, 147.312



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 36.821, 142.624



37, 52.024, 140.360



30, 24.480, 164.028



15, 2.985, 148.287



37, 57.684, 138.418



80, 107.006, 137.382

Inverse Universe

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



19, 36.118, 332.670



23, 49.461, 333.663



18, 27.901, 0.816



14, 2.993, 329.170



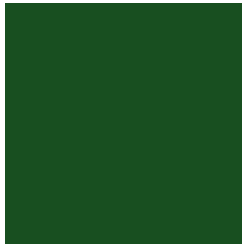
22, 52.898, 334.659



53, 94.992, 335.201

Previews

White Background



This preview shows how the CIELCh color 29, 36.821, 142.624 looks on a white background.

Color Contrast Check

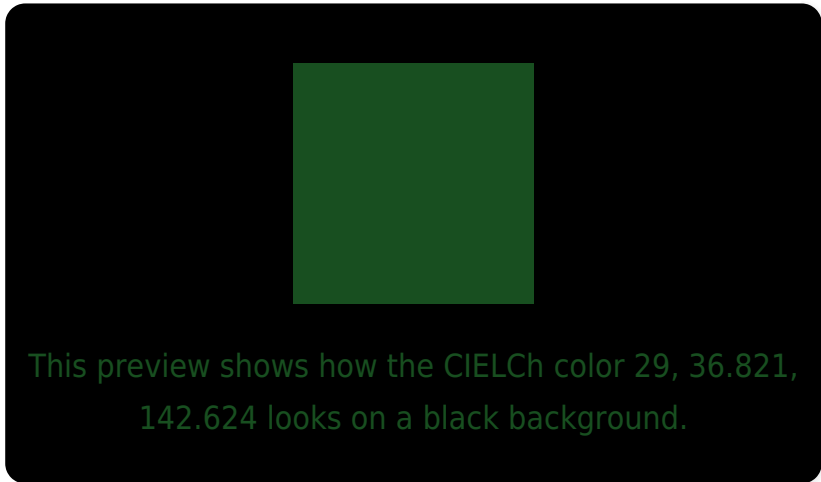
Large Text (above 18pt) WCAG AA ✓ Pass

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

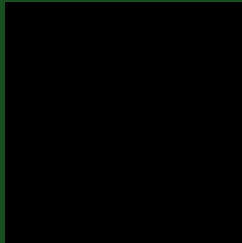
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 36.821, 142.624

Background



This preview shows how black text looks on a background with the CIELCh color 29, 36.821, 142.624.



This preview shows how white text looks on a background with the CIELCh color 29, 36.821, 142.624.

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, 36.821, 142.624

Protanopia
29, 24.620, 95.685

Deuteranopia
29, 21.113, 78.756



Tritanopia
29, 13.412, 214.488

Trichromacy



Original Color
29, 36.821, 142.624

Protanomaly
28, 26.903, 121.255

Deuteranomaly
28, 22.807, 115.891

Tritanomaly
29, 19.280, 168.633

Monochromacy



Original Color
29, 36.821, 142.624

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 14.426, 146.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 36.821, 142.624 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, 79, 32)` looks like.

```
.text, #text, p{  
    color:rgb(24, 79, 32)  
}
```

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, 79, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 79, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 36.821, 142.624 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, 79, 32) }
```

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

```
.border{ border-color:rgb(24, 79, 32) }
```

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

Here you see how a box with a 4 pixel rgb(24, 79, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 79, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 79, 32);  
box-shadow:4px 4px 4px 4px rgb(24, 79, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 36.821, 142.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 79, 32) }
```

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

```
.background{ background-color: rgb(24, 79,  
32) }
```

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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