

Converting Colors

CIELCh(29, 17.191, 201.479)

Have a look what the booklet for
CIELCh(29, 17.191, 201.479)
contains.

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Color

CIELCh(29, 17.308, 201.232)

Conversions

Conversions Part 1

Format	Color
Hex	174C4E
RGB	23, 76, 78
RGB Percent	9%, 30%, 31%
CMY	0.9080, 0.7037, 0.6959
CMYK	0.70, 0.03, 0.00, 0.70
HSL	182°, 54%, 20%
HSV	182°, 70%, 30%
XYZ	4.2762, 5.8380, 8.0250
YIQ	60.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

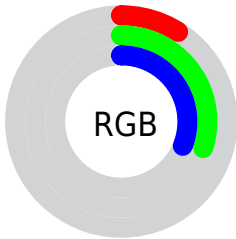
Format	Color
R _Y B	23, 50, 78
Decimal	1526862
CIE Lab	29.00, -16.13, -6.27
CIE LCh	29, 17.308, 201.232
Yxy	5.8380, 0.2357, 0.3218
Android (android.graphics.Color)	4279716942 (0xFF174C4E)
YUV	60.3810, 8.6862, -32.7831
Hunter-Lab	24.1619, -10.6921, -2.7789

Details

The CIELCh color **29, 17.308, 201.232** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17, 28.296, 30.239**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 17.452, 201.511**, and **10, 11.869, 203.806** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.534, 201.361**, and if you desaturate by 10%, it is **29, 15.708, 201.203**.

Distribution



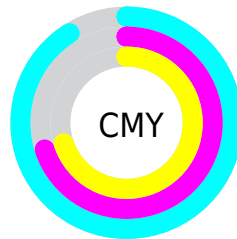
- Red (9%)
- Green (30%)
- Blue (31%)



- Red (9%)
- Yellow (20%)
- Blue (31%)



- Cyan (70%)
- Magenta (3%)
- Yellow (0%)
- Black (70%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 17.308, 201.232 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, 17.308, 201.232 by changing the saturation by 10% instead.

 29, 17.308,
201.232


 29, 17.308,
201.232

 100, 17.308,
201.232


 19, 17.308,
201.232


 49, 17.308,
201.232


 9, 17.308, 201.232

 59, 17.308,
201.232

 0, 17.308, 201.232

 69, 17.308,
201.232

 79, 17.308,
201.232

 89, 17.308,
201.232

 99, 17.308,

201.232

■ 29, 17.308,
201.232

■ 29, 17.308,
201.232

■ 29, 18.534,
201.361

■ 29, 15.708,
201.203

■ 28, 19.400,
201.597

■ 30, 13.754,
201.269

■ 28, 20.185,
201.837

■ 30, 11.475,
201.421

■ 28, 20.204,
201.842

■ 31, 8.911, 201.648

■ 32, 6.102, 201.946

■ 32, 3.092, 202.327

■ 33, 0.078, 19.018

■ 34, 3.371, 22.946

■ 35, 6.754, 23.429

Harmonies

Complementary

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



29, 17.308, 201.232



17, 28.296, 30.239

Rectangle

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



29, 17.308, 201.232



29, 17.308, 251.232



29, 17.308, 21.232



29, 17.308, 71.232

Sweetspot

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



29, 17.308, 201.231



41, 8.087, 201.879



28, 39.044, 139.664



20, 5.383, 201.837



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, 17.308, 201.231



38, 23.206, 201.530



20, 20.670, 272.546



15, 1.752, 202.379



37, 24.375, 202.061



80, 43.969, 202.494

Inverse Universe

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



19, 38.354, 328.716



24, 53.378, 329.273



24, 23.750, 70.609



14, 3.230, 325.851



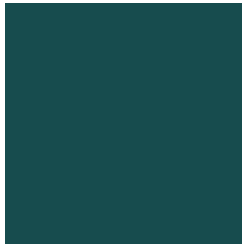
23, 57.377, 329.673



54, 103.627, 329.781

Previews

White Background



This preview shows how the CIELCh color 29, 17.308, 201.232 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 CIE LCh color 29, 17.308, 201.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

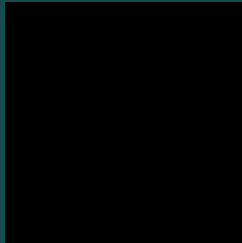
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

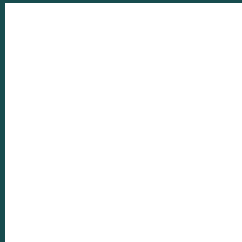
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 17.308, 201.232

Background



This preview shows how black text looks on a background with the CIELCh color 29, 17.308, 201.232.



This preview shows how white text looks on a background with the CIELCh color 29, 17.308, 201.232.

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, 17.502, 201.158

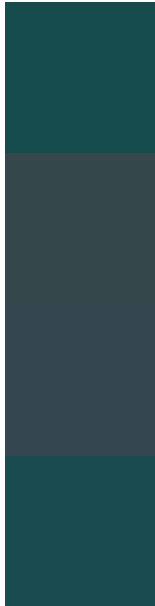
Protanopia
29, 3.222, 290.800

Deuteranopia
29, 8.439, 297.401



Tritanopia
29, 16.483, 210.856

Trichromacy



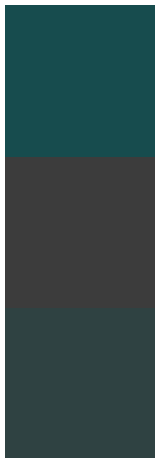
Original Color
29, 17.502, 201.158

Protanomaly
29, 7.970, 217.328

Deuteranomaly
29, 8.956, 239.278

Tritanomaly
29, 16.689, 208.331

Monochromacy



Original Color
29, 17.502, 201.158

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 7.873, 198.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 17.308, 201.232 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(23, 76, 78)` looks like.

```
.text, #text, p{  
    color:rgb(23, 76, 78)  
}
```

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(23, 76, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 76, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 17.308, 201.232 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(23, 76, 78) }
```

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

```
.border{ border-color:rgb(23, 76, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 76, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 76, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 76, 78);  
box-shadow:4px 4px 4px 4px rgb(23, 76, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 17.308, 201.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 76, 78) }
```

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

```
.background{ background-color: rgb(23, 76,  
78) }
```

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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