

Converting Colors

CIELCh(29, 17.228, 202.920)

Have a look what the booklet for
CIELCh(29, 17.228, 202.920)
contains.

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Color

CIELCh(29, 17.177, 203.482)

Conversions

Conversions Part 1

Format	Color
Hex	184B4E
RGB	24, 75, 78
RGB Percent	9%, 29%, 31%
CMY	0.9076, 0.7041, 0.6924
CMYK	0.70, 0.04, 0.00, 0.69
HSL	183°, 54%, 20%
HSV	183°, 70%, 31%
XYZ	4.3036, 5.8380, 8.1916
YIQ	60.0930, -31.3590, -9.8790

Conversions

Conversions Part 2

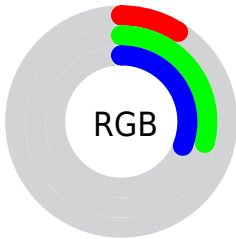
Format	Color
R_{YB}	24, 50, 78
Decimal	1592142
CIE _{Lab}	29.00, -15.75, -6.84
CIE _{LCh}	29, 17.177, 203.482
Yxy	5.8380, 0.2347, 0.3184
Android (android.graphics.Color)	4279782222 (0xFF184B4E)
YUV	60.0930, 8.8282, -31.6536
Hunter-Lab	24.1619, -10.4899, -3.1877

Details

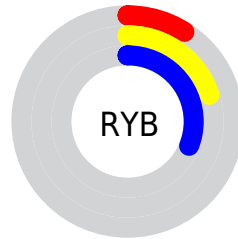
The CIELCh color **29, 17.177, 203.482** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 28.353, 31.279**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 16.837, 203.752**, and **10, 11.529, 207.982** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.370, 203.782**, and if you desaturate by 10%, it is **29, 15.609, 203.310**.

Distribution



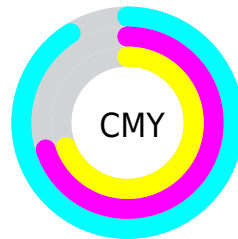
- Red (9%)
- Green (29%)
- Blue (31%)



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



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (69%)




- Cyan (91%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 17.177, 203.482 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, 17.177, 203.482 by changing the saturation by 10% instead.


 29, 17.177,
203.482


 29, 17.177,
203.482


 100, 17.177,
203.482

 19, 17.177,
203.482


 49, 17.177,
203.482


 9, 17.177, 203.482

 59, 17.177,
203.482

 0, 17.177, 203.482

 69, 17.177,
203.482

 79, 17.177,
203.482

 89, 17.177,
203.482

 99, 17.177,

203.482

■ 29, 17.177,
203.482

■ 29, 17.177,
203.482

■ 29, 18.370,
203.782

■ 29, 15.609,
203.310

■ 28, 19.203,
204.219

■ 30, 13.684,
203.257

■ 28, 19.957,
204.656

■ 30, 11.435,
203.307

■ 28, 19.958,
204.657

■ 31, 8.898, 203.448

■ 32, 6.118, 203.670

■ 33, 3.136, 203.984

■ 33, 0.009, 350.755

■ 34, 3.275, 24.488

■ 35, 6.633, 24.923

Harmonies

Complementary

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



29, 17.177, 203.482



18, 28.353, 31.279

Rectangle

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



29, 17.177, 203.482



29, 17.177, 253.482



29, 17.177, 23.482



29, 17.177, 73.482

Sweetspot

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



29, 17.177, 203.481



41, 7.950, 203.625



29, 39.108, 140.034



20, 5.292, 203.592



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, 17.177, 203.481



37, 22.766, 204.081



20, 21.459, 274.312



15, 1.723, 204.039



37, 23.880, 204.980



79, 43.028, 205.650

Inverse Universe

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



19, 38.338, 329.312



24, 52.729, 329.918



25, 24.158, 72.127



14, 3.192, 326.349



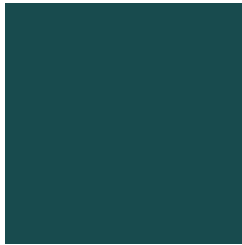
23, 56.631, 330.399



54, 102.182, 330.565

Previews

White Background



This preview shows how the CIELCh color 29, 17.177, 203.482 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, 17.177, 203.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

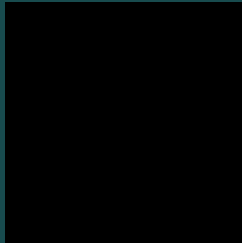
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 17.177, 203.482

Background



This preview shows how black text looks on a background with the CIELCh color 29, 17.177, 203.482.



This preview shows how white text looks on a background with the CIELCh color 29, 17.177, 203.482.

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

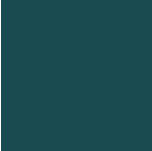
29, 16.982, 203.584

Protanopia

29, 3.866, 290.920

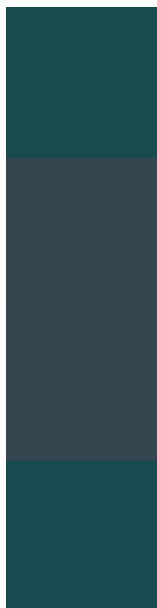
Deuteranopia

29, 8.439, 297.401



Tritanopia
29, 16.680, 210.665

Trichromacy



Original Color
29, 16.982, 203.584

Protanomaly
29, 8.134, 221.856

Deuteranomaly
29, 8.956, 239.278

Tritanomaly
29, 16.884, 208.175

Monochromacy



Original Color
29, 16.982, 203.584

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 7.829, 202.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 17.177, 203.482 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, 75, 78)` looks like.

```
.text, #text, p{  
    color:rgb(24, 75, 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(24, 75, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 75, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 17.177, 203.482 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, 75, 78) }
```

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

```
.border{ border-color:rgb(24, 75, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 75, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 75, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 75, 78);  
box-shadow:4px 4px 4px 4px rgb(24, 75, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 17.177, 203.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 75, 78) }
```

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

```
.background{ background-color: rgb(24, 75,  
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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