

Converting Colors

CIELCh(29, 17.741, 205.524)

Have a look what the booklet for
CIELCh(29, 17.741, 205.524)
contains.

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Color

CIELCh(29, 17.876, 205.270)

Conversions

Conversions Part 1

Format	Color
Hex	144C50
RGB	20, 76, 80
RGB Percent	8%, 30%, 31%
CMY	0.9234, 0.7033, 0.6877
CMYK	0.75, 0.05, 0.00, 0.69
HSL	184°, 61%, 19%
HSV	184°, 75%, 31%
XYZ	4.2739, 5.8380, 8.4227
YIQ	59.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

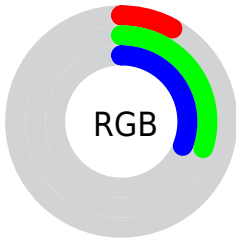
Format	Color
R_{YB}	20, 49, 80
Decimal	1330256
CIE _{Lab}	29.00, -16.17, -7.63
CIE _{LCh}	29, 17.876, 205.270
Yxy	5.8380, 0.2306, 0.3150
Android (android.graphics.Color)	4279520336 (0xFF144C50)
YUV	59.7120, 10.0020, -34.8274
Hunter-Lab	24.1619, -10.7093, -3.7548

Details

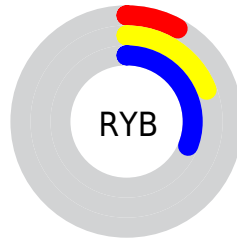
The CIELCh color **29, 17.876, 205.270** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17, 31.094, 33.109**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 17.942, 205.193**, and **10, 11.754, 211.425** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.849, 205.783**, and if you desaturate by 10%, it is **29, 16.521, 204.915**.

Distribution



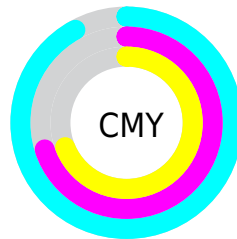
- Red (8%)
- Green (30%)
- Blue (31%)



- Red (8%)
- Yellow (19%)
- Blue (31%)



- Cyan (75%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)





- Cyan (92%)
- Magenta (70%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 17.876, 205.270 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, 17.876, 205.270 by changing the saturation by 10% instead.

 29, 17.876,
205.270


 29, 17.876,
205.270

 100, 17.876,
205.270


 19, 17.876,
205.270


 49, 17.876,
205.270


 9, 17.876, 205.270

 59, 17.876,
205.270

 0, 17.876, 205.270

 69, 17.876,
205.270

 79, 17.876,
205.270

 89, 17.876,
205.270

 99, 17.876,

205.270

■ 29, 17.876,
205.270

■ 29, 17.876,
205.270

■ 29, 18.849,
205.783

■ 29, 16.521,
204.915

■ 28, 19.578,
206.393

■ 30, 14.795,
204.706

■ 28, 19.912,
206.649

■ 30, 12.722,
204.622

■ 31, 10.339,
204.648

■ 32, 7.686, 204.769

■ 33, 4.807, 204.980

■ 33, 1.744, 205.335

■ 34, 1.464, 25.275

■ 35, 4.782, 25.752

Harmonies

Complementary

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



29, 17.876, 205.270



17, 31.094, 33.109

Rectangle

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



29, 17.876, 205.270



29, 17.876, 255.270



29, 17.876, 25.270



29, 17.876, 75.270

Sweetspot

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



29, 17.876, 205.269



42, 8.730, 204.798



29, 42.000, 139.393



21, 6.049, 204.759



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



29, 17.876, 205.269



38, 23.429, 206.386



19, 23.432, 276.120



16, 1.800, 205.187



37, 23.986, 207.064



79, 42.812, 207.880

Inverse Universe

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



19, 40.609, 329.946



24, 55.092, 330.617



24, 26.492, 71.342



15, 3.345, 326.701



23, 57.108, 330.913



54, 102.061, 331.114

Previews

White Background



This preview shows how the CIE LCh color 29, 17.876, 205.270 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, 17.876, 205.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

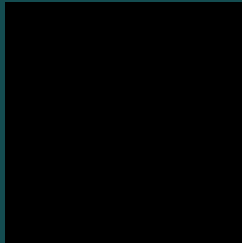
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

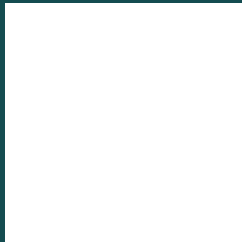
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 17.876, 205.270

Background



This preview shows how black text looks on a background with the CIELCh color 29, 17.876, 205.270.



This preview shows how white text looks on a background with the CIELCh color 29, 17.876, 205.270.

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](#).

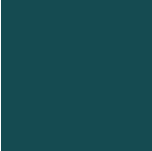
Dichromacy



Original Color
29, 17.876, 205.270

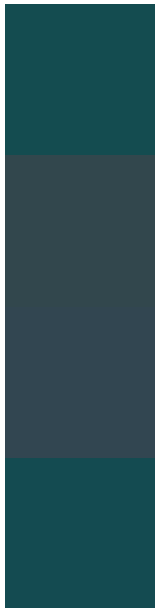
Protanopia
29, 4.509, 291.040

Deuteranopia
29, 9.689, 294.417



Tritanopia
29, 17.409, 209.995

Trichromacy



Original Color
29, 17.876, 205.270

Protanomaly
29, 8.980, 223.990

Deuteranomaly
29, 10.220, 242.889

Tritanomaly
29, 17.576, 209.848

Monochromacy



Original Color
29, 17.876, 205.270

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 8.209, 207.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 17.876, 205.270 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(20, 76, 80)` looks like.

```
.text, #text, p{  
    color:rgb(20, 76, 80)  
}
```

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(20, 76, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 76, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 17.876, 205.270 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(20, 76, 80) }
```

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

```
.border{ border-color:rgb(20, 76, 80) }
```

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

Here you see how a box with a 4 pixel rgb(20, 76, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 76, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 76, 80);  
box-shadow:4px 4px 4px 4px rgb(20, 76, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 17.876, 205.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 76, 80) }
```

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

```
.background{ background-color: rgb(20, 76,  
80) }
```

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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