

Converting Colors

CIELCh(28, 20.217, 181.383)

Have a look what the booklet for
CIELCh(28, 20.217, 181.383)
contains.

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Color

CIELCh(28, 20.217, 181.383)

Conversions

Conversions Part 1

Format	Color
Hex	114A42
RGB	17, 74, 66
RGB Percent	7%, 29%, 26%
CMY	0.9317, 0.7086, 0.7400
CMYK	0.77, 0.00, 0.11, 0.71
HSL	172°, 62%, 18%
HSV	172°, 77%, 29%
XYZ	3.6992, 5.4574, 6.0576
YIQ	56.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

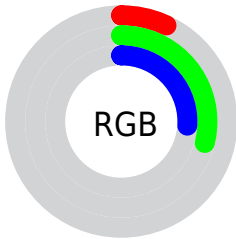
Format	Color
R_{YB}	17, 48, 74
Decimal	1133122
CIE _{Lab}	28.00, -20.21, -0.49
CIE _{LCh}	28, 20.217, 181.383
Yxy	5.4574, 0.2431, 0.3587
Android (android.graphics.Color)	4279323202 (0xFF114A42)
YUV	56.0450, 4.9078, -34.2425
Hunter-Lab	23.3610, -12.6165, 0.9787

Details

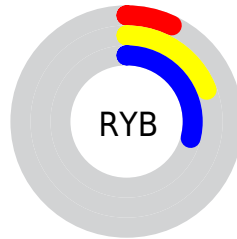
The CIELCh color **28, 20.217, 181.383** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 29.128, 20.043**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 20.004, 181.775**, and **9, 13.991, 171.322** is the 20% darker color. If you saturate the color by 10%, you get **28, 21.620, 180.288**, and if you desaturate by 10%, it is **28, 18.464, 182.391**.

Distribution



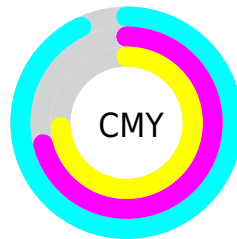
- Red (7%)
- Green (29%)
- Blue (26%)



- Red (7%)
- Yellow (19%)
- Blue (29%)



- Cyan (77%)
- Magenta (0%)
- Yellow (11%)
- Black (71%)





- Cyan (93%)
- Magenta (71%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 20.217, 181.383 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, 20.217, 181.383 by changing the saturation by 10% instead.

 28, 20.217,
181.383


 28, 20.217,
181.383

 100, 20.217,
181.383


 18, 20.217,
181.383


 48, 20.217,
181.383


 8, 20.217, 181.383

 58, 20.217,
181.383

 0, 20.217, 181.383

 68, 20.217,
181.383

 78, 20.217,
181.383

 88, 20.217,
181.383

 98, 20.217,

181.383

■ 28, 20.217,
181.383

■ 28, 20.217,
181.383

■ 28, 21.620,
180.288

■ 28, 18.464,
182.391

■ 28, 22.872,
179.211

■ 29, 16.376,
183.332

■ 28, 23.310,
178.870

■ 29, 13.981,
184.218

■ 29, 11.318,
185.063

■ 30, 8.431, 185.876

■ 30, 5.364, 186.671

■ 31, 2.160, 187.499

■ 32, 1.141, 7.888

■ 33, 4.505, 8.778

Harmonies

Complementary

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



28, 20.217, 181.383



15, 29.128, 20.043

Rectangle

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



28, 20.217, 181.383



28, 20.217, 231.383



28, 20.217, 1.383



28, 20.217, 51.383

Sweetspot

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



28, 20.217, 181.382



39, 9.145, 186.091



27, 39.958, 135.770



19, 6.218, 185.937



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



28, 20.217, 181.382



36, 27.112, 179.230



21, 16.980, 251.149



15, 1.873, 187.311



38, 29.194, 178.184



82, 53.446, 177.058

Inverse Universe

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



15, 29.128, 20.043



19, 42.636, 27.088



19, 25.744, 52.979



14, 1.942, 8.464



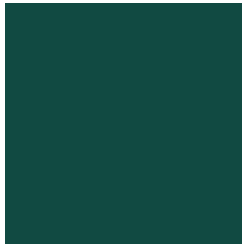
19, 47.589, 29.915



48, 89.944, 34.255

Previews

White Background



This preview shows how the CIELCh color 28, 20.217, 181.383 looks on a white background.

Color Contrast Check

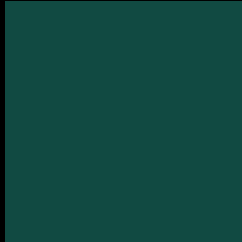
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.217, 181.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

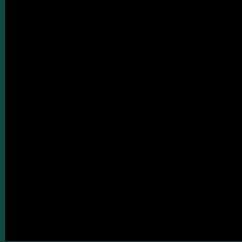
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 20.217, 181.383

Background



This preview shows how black text looks on a background with the CIELCh color 28, 20.217, 181.383.



This preview shows how white text looks on a background with the CIELCh color 28, 20.217, 181.383.

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, 20.217, 181.383

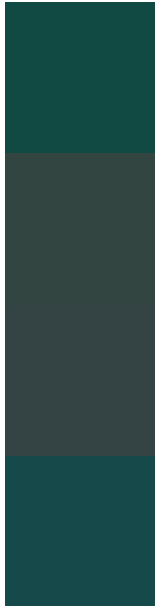
Protanopia
28, 2.729, 90.121

Deuteranopia
28, 4.505, 334.269



Tritanopia
28, 16.210, 208.749

Trichromacy



Original Color
28, 20.217, 181.383

Protanomaly
28, 8.778, 176.243

Deuteranomaly
28, 6.700, 198.357

Tritanomaly
28, 17.094, 199.061

Monochromacy



Original Color
28, 20.217, 181.383

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 9.097, 185.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 20.217, 181.383 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(17, 74, 66)` looks like.

```
.text, #text, p{  
    color:rgb(17, 74, 66)  
}
```

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(17, 74, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 74, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 20.217, 181.383 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(17, 74, 66) }
```

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

```
.border{ border-color:rgb(17, 74, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 74, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 74, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 74, 66);  
box-shadow:4px 4px 4px 4px rgb(17, 74, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 20.217, 181.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 74, 66) }
```

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

```
.background{ background-color: rgb(17, 74,  
66) }
```

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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