

Converting Colors

CIELCh(19, 10.512, 203.915)

Have a look what the booklet for
CIELCh(19, 10.512, 203.915)
contains.

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Color

CIELCh(19, 10.288, 205.226)

Conversions

Conversions Part 1

Format	Color
Hex	183234
RGB	24, 50, 52
RGB Percent	9%, 20%, 20%
CMY	0.9050, 0.8031, 0.7952
CMYK	0.54, 0.04, 0.00, 0.80
HSL	184°, 37%, 15%
HSV	184°, 54%, 20%
XYZ	2.1568, 2.7468, 3.6913
YIQ	42.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

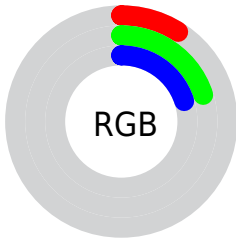
Format	Color
R _Y B	24, 37, 52
Decimal	1585716
CIE Lab	19.00, -9.31, -4.38
CIE LCh	19, 10.288, 205.226
Yxy	2.7468, 0.2509, 0.3196
Android (android.graphics.Color)	4279775796 (0xFF183234)
YUV	42.4540, 4.7062, -16.1842
Hunter-Lab	16.5735, -5.7748, -1.6037

Details

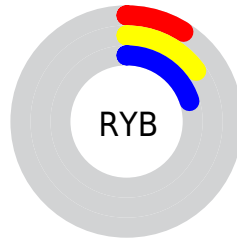
The CIELCh color **19, 10.288, 205.226** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 14.436, 29.076**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 10.053, 205.237**, and **0, 2.420, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **19, 11.647, 205.377**, and if you desaturate by 10%, it is **19, 8.717, 205.175**.

Distribution



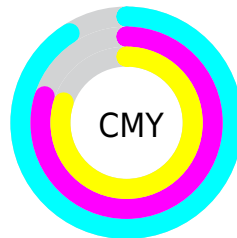
- Red (9%)
- Green (20%)
- Blue (20%)



- Red (9%)
- Yellow (15%)
- Blue (20%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 10.288, 205.226 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 19, 10.288, 205.226 by changing the saturation by 10% instead.

■ 19, 10.288,
205.226

■ 19, 10.288,
205.226

■ 100, 10.288,
205.226

■ 9, 10.288, 205.226

■ 39, 10.288,
205.226

■ 0, 10.288, 205.226

■ 49, 10.288,
205.226


■ 59, 10.288,
205.226


■ 69, 10.288,
205.226


■ 79, 10.288,
205.226


■ 89, 10.288,

205.226


 99, 10.288,
205.226

 19, 10.288,
205.226


 19, 10.288,
205.226

 19, 11.647,
205.377


 19, 8.717, 205.175

 18, 12.774,
205.649


 20, 6.958, 205.219

 18, 13.668,
206.046

 20, 5.036, 205.343

 18, 14.527,
206.411

 22, 0.807, 205.974

 17, 15.097,
206.599

 22, 1.453, 25.825

 23, 3.781, 26.222

■ 24, 6.160, 26.575

■ 24, 8.575, 26.936

Harmonies

Complementary

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



19, 10.288, 205.226



13, 14.436, 29.076

Rectangle

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



19, 10.288, 205.226



19, 10.288, 255.226



19, 10.288, 25.226



19, 10.288, 75.226

Sweetspot

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



19, 10.288, 205.224



28, 4.378, 205.472



19, 21.917, 142.641



13, 2.983, 205.462



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



19, 10.288, 205.224



25, 14.484, 205.466



14, 11.995, 270.497



9, 1.199, 205.714



32, 21.400, 207.678



74, 40.472, 208.760

Inverse Universe

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



13, 21.764, 328.963



17, 31.850, 329.566



17, 12.938, 76.309



8, 2.223, 326.780



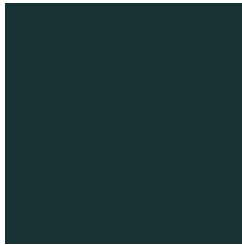
19, 51.000, 331.064



51, 96.596, 331.330

Previews

White Background



This preview shows how the CIE LCh color 19, 10.288, 205.226 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 19, 10.288, 205.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

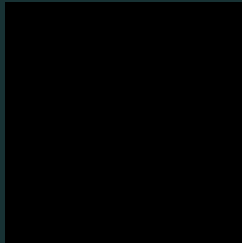
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

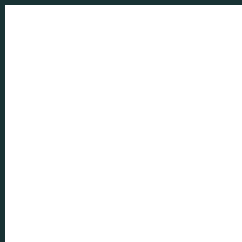
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 19, 10.288, 205.226

Background



This preview shows how black text looks on a background with the CIELCh color 19, 10.288, 205.226.



This preview shows how white text looks on a background with the CIELCh color 19, 10.288, 205.226.

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
19, 10.288, 205.226

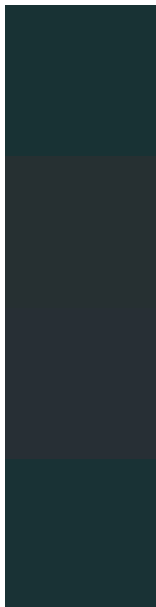
Protanopia
19, 2.059, 290.693

Deuteranopia
19, 5.584, 300.754



Tritanopia
19, 10.026, 213.668

Trichromacy



Original Color
19, 10.288, 205.226

Protanomaly
19, 4.578, 216.119

Deuteranomaly
19, 5.290, 250.330

Tritanomaly
19, 9.979, 209.603

Monochromacy



Original Color
19, 10.288, 205.226

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 4.500, 198.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 10.288, 205.226 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, 50, 52)` looks like.

```
.text, #text, p{  
    color:rgb(24, 50, 52)  
}
```

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, 50, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 50, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 10.288, 205.226 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, 50, 52) }
```

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

```
.border{ border-color:rgb(24, 50, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 50, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 50, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 50, 52);  
box-shadow:4px 4px 4px 4px rgb(24, 50, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 10.288, 205.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 50, 52) }
```

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

```
.background{ background-color: rgb(24, 50,  
52) }
```

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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