

Converting Colors

CIELCh(32, 21.576, 187.340)

Have a look what the booklet for
CIELCh(32, 21.576, 187.340)
contains.

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Color

CIELCh(32, 21.382, 187.848)

Conversions

Conversions Part 1

Format	Color
Hex	12544F
RGB	18, 84, 79
RGB Percent	7%, 33%, 31%
CMY	0.9278, 0.6695, 0.6891
CMYK	0.78, 0.00, 0.06, 0.67
HSL	175°, 64%, 20%
HSV	175°, 78%, 33%
XYZ	4.8704, 7.0852, 8.5602
YIQ	63.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

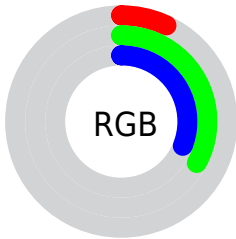
Format	Color
R_{YB}	18, 52, 84
Decimal	1201231
CIE _{Lab}	32.00, -21.18, -2.92
CIE _{LCh}	32, 21.382, 187.848
Yxy	7.0852, 0.2374, 0.3454
Android (android.graphics.Color)	4279391311 (0xFF12544F)
YUV	63.6960, 7.5449, -40.0754
Hunter-Lab	26.6180, -13.9203, -0.4347

Details

The CIELCh color **32, 21.382, 187.848** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17, 33.832, 25.816**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 21.513, 187.848**, and **13, 14.201, 187.322** is the 20% darker color. If you saturate the color by 10%, you get **32, 22.596, 187.092**, and if you desaturate by 10%, it is **32, 19.762, 188.565**.

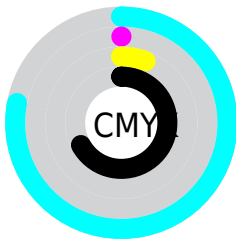
Distribution



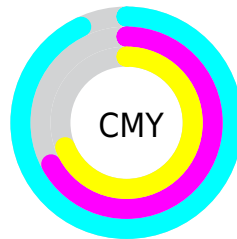
- Red (7%)
- Green (33%)
- Blue (31%)



- Red (7%)
- Yellow (20%)
- Blue (33%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (67%)




- Cyan (93%)
- Magenta (67%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 21.382, 187.848 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 32, 21.382, 187.848 by changing the saturation by 10% instead.

 32, 21.382,
187.848


 32, 21.382,
187.848

 100, 21.382,
187.848


 22, 21.382,
187.848

 52, 21.382,
187.848


 12, 21.382,
187.848

 62, 21.382,
187.848

 2, 21.382, 187.848

 72, 21.382,
187.848

 0, 21.382, 187.848

 82, 21.382,
187.848

 92, 21.382,
187.848

■ 32, 21.382,
187.848

■ 32, 21.382,
187.848

■ 32, 22.596,
187.092

■ 32, 19.762,
188.565

■ 32, 23.628,
186.345

■ 33, 17.744,
189.257

■ 32, 23.821,
186.214

■ 33, 15.353,
189.934

■ 33, 12.626,
190.604

■ 34, 9.610, 191.274

■ 35, 6.356, 191.950

■ 35, 2.913, 192.666

■ 36, 0.672, 12.797

■ 37, 4.358, 13.824

Harmonies

Complementary

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



32, 21.382, 187.848



17, 33.832, 25.816

Rectangle

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



32, 21.382, 187.848



32, 21.382, 237.848



32, 21.382, 7.848



32, 21.382, 57.848

Sweetspot

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



32, 21.382, 187.847



44, 9.871, 191.568



31, 45.512, 136.756



22, 6.845, 191.410



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 21.382, 187.847



41, 28.094, 186.371



23, 20.702, 261.903



17, 2.044, 192.615



40, 28.215, 185.916



84, 50.412, 185.261

Inverse Universe

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



17, 33.832, 25.816



22, 49.703, 32.679



23, 28.864, 58.652



16, 2.135, 13.654



21, 50.976, 33.519



49, 95.079, 37.574

Previews

White Background



This preview shows how the CIELCh color 32, 21.382, 187.848 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 32, 21.382, 187.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

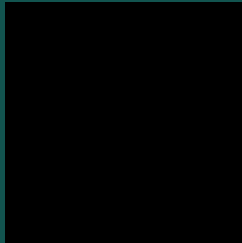
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 21.382, 187.848

Background



This preview shows how black text looks on a background with the CIELCh color 32, 21.382, 187.848.



This preview shows how white text looks on a background with the CIELCh color 32, 21.382, 187.848.

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


32, 21.382, 187.848

Protanopia

32, 1.075, 55.191

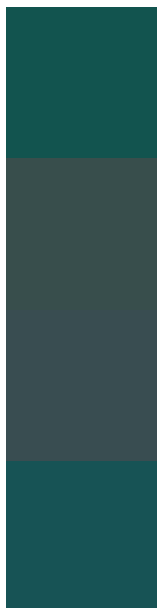
Deuteranopia

32, 6.286, 315.070



Tritanopia
32, 18.336, 209.134

Trichromacy



Original Color
32, 21.382, 187.848

Protanomaly
31, 9.084, 189.988

Deuteranomaly
31, 8.262, 216.382

Tritanomaly
32, 19.116, 200.668

Monochromacy



Original Color
32, 21.382, 187.848

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 9.753, 194.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 21.382, 187.848 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(18, 84, 79)` looks like.

```
.text, #text, p{  
    color:rgb(18, 84, 79)  
}
```

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(18, 84, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 84, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 21.382, 187.848 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(18, 84, 79) }
```

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

```
.border{ border-color:rgb(18, 84, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 84, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 84, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 84, 79);  
box-shadow:4px 4px 4px 4px rgb(18, 84, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 21.382, 187.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 84, 79) }
```

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

```
.background{ background-color: rgb(18, 84,  
79) }
```

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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