

Converting Colors

CIELCh(32, 21.556, 176.092)

Have a look what the booklet for
CIELCh(32, 21.556, 176.092)
contains.

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Color

CIELCh(32, 21.610, 175.696)

Conversions

Conversions Part 1

Format	Color
Hex	1C5448
RGB	28, 84, 72
RGB Percent	11%, 33%, 28%
CMY	0.8895, 0.6699, 0.7170
CMYK	0.67, 0.00, 0.14, 0.67
HSL	167°, 50%, 22%
HSV	167°, 67%, 33%
XYZ	4.8416, 7.0852, 7.2698
YIQ	65.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

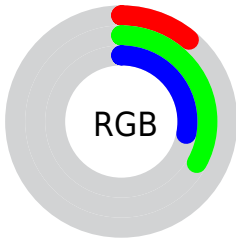
Format	Color
R_{YB}	28, 59, 84
Decimal	1856584
CIE _{Lab}	32.00, -21.55, 1.62
CIE _{LCh}	32, 21.610, 175.696
Yxy	7.0852, 0.2522, 0.3691
Android (android.graphics.Color)	4280046664 (0xFF1C5448)
YUV	65.8880, 3.0132, -33.2278
Hunter-Lab	26.6180, -14.1137, 2.4394

Details

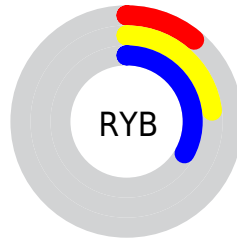
The CIELCh color **32, 21.610, 175.696** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20, 27.787, 11.830**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 21.774, 175.190**, and **12, 16.409, 172.274** is the 20% darker color. If you saturate the color by 10%, you get **32, 23.782, 174.403**, and if you desaturate by 10%, it is **32, 19.074, 176.874**.

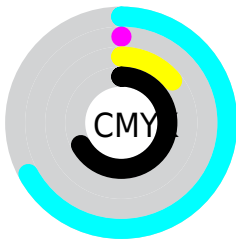
Distribution



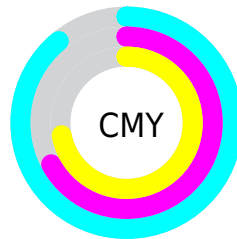
- Red (11%)
- Green (33%)
- Blue (28%)



- Red (11%)
- Yellow (23%)
- Blue (33%)



- Cyan (67%)
- Magenta (0%)
- Yellow (14%)
- Black (67%)




- Cyan (89%)
- Magenta (67%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 21.610, 175.696 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, 21.610, 175.696 by changing the saturation by 10% instead.

 32, 21.610,
175.696


 32, 21.610,
175.696

 100, 21.610,
175.696


 22, 21.610,
175.696

 52, 21.610,
175.696


 12, 21.610,
175.696


 62, 21.610,
175.696

 2, 21.610, 175.696

 72, 21.610,
175.696

 0, 21.610, 175.696

 82, 21.610,
175.696

 92, 21.610,
175.696

■ 32, 21.610,
175.696

■ 32, 21.610,
175.696

■ 32, 23.782,
174.403

■ 32, 19.074,
176.874

■ 31, 25.570,
172.981

■ 33, 16.208,
177.960

■ 31, 27.129,
171.532

■ 33, 13.060,
178.969

■ 31, 27.682,
171.066

■ 34, 9.681, 179.916

■ 35, 6.126, 180.820

■ 35, 2.443, 181.730

■ 36, 1.324, 2.221

■ 37, 5.134, 3.149

■ 38, 8.959, 3.918

Harmonies

Complementary

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



32, 21.610, 175.696



20, 27.787, 11.830

Rectangle

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



32, 21.610, 175.696



32, 21.610, 225.696



32, 21.610, 355.696



32, 21.610, 45.696

Sweetspot

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



32, 21.610, 175.695



44, 9.176, 180.446



32, 38.669, 134.793



22, 6.294, 180.292



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, 21.610, 175.695



41, 29.999, 173.533



27, 16.146, 238.068



17, 2.147, 181.511



40, 33.006, 170.435



83, 59.712, 169.084

Inverse Universe

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



20, 27.787, 11.830



24, 40.712, 16.912



23, 24.812, 47.411



16, 2.214, 2.824



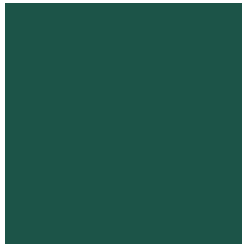
21, 47.495, 25.242



49, 87.105, 29.260

Previews

White Background



This preview shows how the CIELCh color 32, 21.610, 175.696 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 CIE LCh color 32, 21.610, 175.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

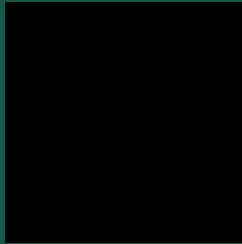
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 21.610, 175.696

Background



This preview shows how black text looks on a background with the CIELCh color 32, 21.610, 175.696.



This preview shows how white text looks on a background with the CIELCh color 32, 21.610, 175.696.

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

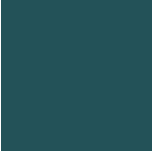
32, 21.610, 175.696

Protanopia

32, 5.223, 94.121

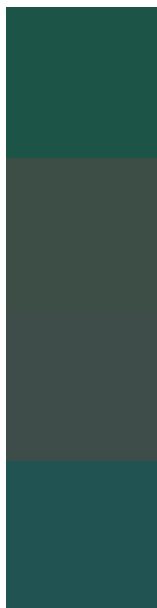
Deuteranopia

32, 4.180, 2.458



Tritanopia
32, 16.260, 210.969

Trichromacy



Original Color
32, 21.610, 175.696

Protanomaly
31, 9.681, 161.824

Deuteranomaly
31, 6.638, 181.697

Tritanomaly
32, 17.473, 194.889

Monochromacy



Original Color
32, 21.610, 175.696

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 9.439, 177.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 21.610, 175.696 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(28, 84, 72)` looks like.

```
.text, #text, p{  
    color:rgb(28, 84, 72)  
}
```

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(28, 84, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 84, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 21.610, 175.696 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(28, 84, 72) }
```

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

```
.border{ border-color:rgb(28, 84, 72) }
```

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

Here you see how a box with a 4 pixel rgb(28, 84, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 84, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 84, 72);  
box-shadow:4px 4px 4px 4px rgb(28, 84, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 21.610, 175.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 84, 72) }
```

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

```
.background{ background-color: rgb(28, 84,  
72) }
```

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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