

Converting Colors

CIELCh(32, 30.232, 154.808)

Have a look what the booklet for
CIELCh(32, 30.232, 154.808)
contains.

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Color

CIELCh(32, 30.610, 154.575)

Conversions

Conversions Part 1

Format	Color
Hex	1A5636
RGB	26, 86, 54
RGB Percent	10%, 34%, 21%
CMY	0.8994, 0.6639, 0.7893
CMYK	0.70, 0.00, 0.37, 0.66
HSL	148°, 54%, 22%
HSV	148°, 70%, 34%
XYZ	4.3794, 7.0852, 4.5921
YIQ	64.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

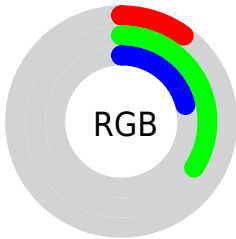
Format	Color
R_{YB}	26, 67, 86
Decimal	1726006
CIE _{Lab}	32.00, -27.65, 13.14
CIE _{LCh}	32, 30.610, 154.575
Yxy	7.0852, 0.2727, 0.4413
Android (android.graphics.Color)	4279916086 (0xFF1A5636)
YUV	64.4120, -5.1331, -33.6873
Hunter-Lab	26.6180, -17.2132, 8.4039




Details

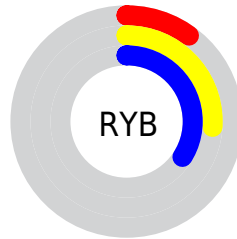
The CIELCh color **32, 30.610, 154.575** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20, 31.792, 349.341**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **52, 30.238, 154.606**, and **13, 26.382, 146.860** is the 20% darker color. If you saturate the color by 10%, you get **32, 34.028, 152.953**, and if you desaturate by 10%, it is **32, 26.835, 156.023**.

Distribution







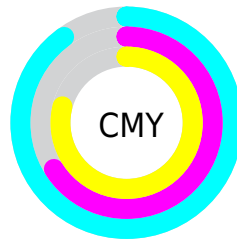
-  Red (10%)
-  Green (34%)
-  Blue (21%)






-  Red (10%)
-  Yellow (26%)
-  Blue (34%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (37%)
-  Black (66%)





-  Cyan (90%)
-  Magenta (66%)
-  Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 30.610, 154.575 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, 30.610, 154.575 by changing the saturation by 10% instead.


 32, 30.610,
154.575


 32, 30.610,
154.575

 100, 30.610,
154.575


 22, 30.610,
154.575

 52, 30.610,
154.575


 12, 30.610,
154.575


 62, 30.610,
154.575

 2, 30.610, 154.575

 72, 30.610,
154.575

 0, 30.610, 154.575

 82, 30.610,
154.575

 92, 30.610,
154.575

■ 32, 30.610,
154.575

■ 32, 30.610,
154.575

■ 32, 34.028,
152.953

■ 32, 26.835,
156.023

■ 31, 37.061,
151.161

■ 33, 22.754,
157.310

■ 31, 39.935,
149.534

■ 33, 18.434,
158.455

■ 34, 13.940,
159.476

■ 35, 9.338, 160.395

■ 36, 4.686, 161.238

■ 36, 0.032, 168.557

■ 37, 4.585, 342.568

■ 38, 9.134, 343.215

Harmonies

Complementary

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



32, 30.610, 154.575



20, 31.792, 349.341

Rectangle

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



32, 30.610, 154.575



32, 30.610, 204.575



32, 30.610, 334.575



32, 30.610, 24.575

Sweetspot

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



32, 30.610, 154.575



45, 12.196, 160.250



33, 37.433, 125.154



22, 8.162, 160.111



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, 30.610, 154.575



41, 43.631, 151.747



33, 19.842, 193.031



17, 2.627, 161.344



39, 47.348, 148.818



82, 87.070, 147.198

Inverse Universe

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



20, 31.792, 349.341



25, 43.932, 352.704



19, 31.198, 26.406



16, 2.653, 342.540



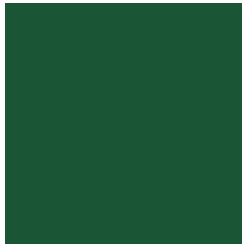
22, 45.366, 356.861



51, 79.968, 359.612

Previews

White Background



This preview shows how the CIELCh color 32, 30.610, 154.575 looks on a white background.

Color Contrast Check

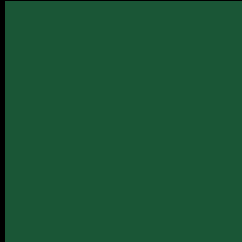
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.610, 154.575 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, 30.610, 154.575

Background



This preview shows how black text looks on a background with the CIELCh color 32, 30.610, 154.575.



This preview shows how white text looks on a background with the CIELCh color 32, 30.610, 154.575.

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

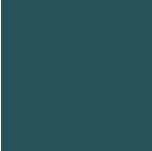
32, 30.610, 154.575

Protanopia

32, 16.639, 95.303

Deuteranopia

32, 12.314, 69.707



Tritanopia
32, 15.305, 211.955

Trichromacy



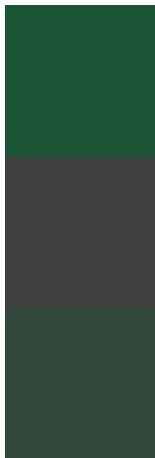
Original Color
32, 30.610, 154.575

Protanomaly
31, 19.192, 131.247

Deuteranomaly
31, 14.340, 130.423

Tritanomaly
32, 18.499, 182.825

Monochromacy



Original Color
32, 30.610, 154.575

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 12.383, 158.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 30.610, 154.575 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(26, 86, 54)` looks like.

```
.text, #text, p{  
    color:rgb(26, 86, 54)  
}
```

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(26, 86, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 86, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 30.610, 154.575 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(26, 86, 54) }
```

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

```
.border{ border-color:rgb(26, 86, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 86, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 86, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 86, 54);  
box-shadow:4px 4px 4px 4px rgb(26, 86, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 30.610, 154.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 86, 54) }
```

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

```
.background{ background-color: rgb(26, 86,  
54) }
```

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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