

Converting Colors

CIELCh(25, 21.127, 181.893)

Have a look what the booklet for
CIELCh(25, 21.127, 181.893)
contains.

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Color

CIELCh(25, 21.262, 181.571)

Conversions

Conversions Part 1

Format	Color
Hex	01443C
RGB	1, 68, 60
RGB Percent	0%, 27%, 24%
CMY	0.9980, 0.7348, 0.7661
CMYK	0.99, 0.00, 0.12, 0.73
HSL	173°, 99%, 13%
HSV	173°, 99%, 27%
XYZ	2.8574, 4.4155, 4.9276
YIQ	47.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

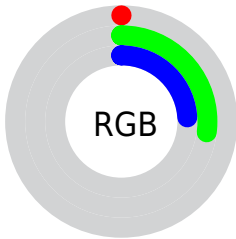
Format	Color
R_{YB}	1, 37, 68
Decimal	83004
CIE _{Lab}	25.00, -21.25, -0.58
CIE _{LCh}	25, 21.262, 181.571
Yxy	4.4155, 0.2342, 0.3619
Android (android.graphics.Color)	4278273084 (0xFF01443C)
YUV	47.0550, 6.3819, -40.3902
Hunter-Lab	21.0130, -12.5001, 0.8054

Details

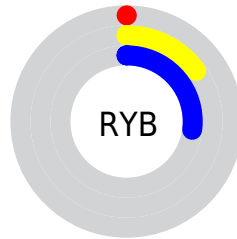
The CIELCh color **25, 21.262, 181.571** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11, 33.881, 23.783**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 21.389, 180.750**, and **7, 12.022, 166.553** is the 20% darker color. If you saturate the color by 10%, you get **25, 21.352, 181.508**, and if you desaturate by 10%, it is **25, 20.067, 182.458**.

Distribution



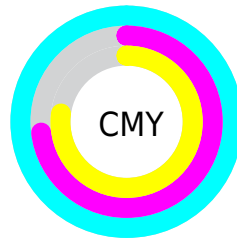
- Red (0%)
- Green (27%)
- Blue (24%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (73%)





- Cyan (100%)
- Magenta (73%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 21.262, 181.571 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 25, 21.262, 181.571 by changing the saturation by 10% instead.

 25, 21.262,
181.571


 25, 21.262,
181.571

 100, 21.262,
181.571


 15, 21.262,
181.571


 45, 21.262,
181.571


 5, 21.262, 181.571

 55, 21.262,
181.571

 0, 21.262, 181.571

 65, 21.262,
181.571

 75, 21.262,
181.571

 85, 21.262,
181.571

 95, 21.262,

181.571

■ 25, 21.262,
181.571

■ 25, 21.262,
181.571

■ 25, 21.352,
181.508

■ 25, 20.067,
182.458

■ 25, 18.850,
183.422

■ 26, 17.341,
184.332

■ 26, 15.520,
185.188

■ 26, 13.409,
186.001

■ 27, 11.041,
186.782

■ 27, 8.454, 187.540

■ 28, 5.688, 188.287

■ 28, 2.782, 189.049

Harmonies

Complementary

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



25, 21.262, 181.571



11, 33.881, 23.783

Rectangle

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



25, 21.262, 181.571



25, 21.262, 231.571



25, 21.262, 1.571



25, 21.262, 51.571

Sweetspot

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



25, 21.262, 181.570



35, 10.606, 187.396



24, 44.556, 134.770



16, 7.091, 187.270



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



25, 21.262, 181.570



32, 25.376, 180.985



16, 19.606, 260.730



12, 1.646, 189.111



36, 27.464, 180.781



81, 51.167, 179.713

Inverse Universe

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



11, 33.881, 23.783



16, 41.976, 28.677



15, 29.408, 49.874



12, 1.708, 10.158



18, 46.066, 30.372



47, 89.609, 35.434

Previews

White Background



This preview shows how the CIELCh color 25, 21.262, 181.571 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 25, 21.262, 181.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

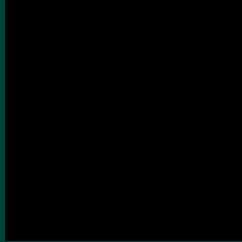
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 21.262, 181.571

Background



This preview shows how black text looks on a background with the CIELCh color 25, 21.262, 181.571.



This preview shows how white text looks on a background with the CIELCh color 25, 21.262, 181.571.

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
25, 21.262, 181.571

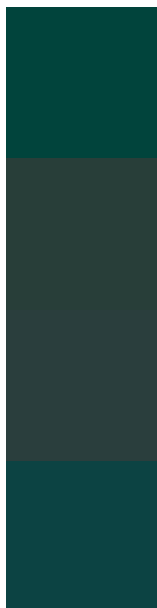
Protanopia
25, 2.969, 81.452

Deuteranopia
25, 4.134, 340.687



Tritanopia
25, 15.897, 209.099

Trichromacy



Original Color
25, 21.262, 181.571

Protanomaly
24, 9.982, 178.245

Deuteranomaly
25, 8.392, 193.436

Tritanomaly
25, 17.573, 196.629

Monochromacy



Original Color
25, 21.262, 181.571

Achromatopsia
19, 0.004, 296.813

Achromatomaly
21, 10.610, 186.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 21.262, 181.571 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(1, 68, 60)` looks like.

```
.text, #text, p{  
    color:rgb(1, 68, 60)  
}
```

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(1, 68, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 68, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 21.262, 181.571 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(1, 68, 60) }
```

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

```
.border{ border-color:rgb(1, 68, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 68, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 68, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 68, 60); box-shadow:4px  
4px 4px 4px rgb(1, 68, 60) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 21.262, 181.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 68, 60) }
```

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

```
.background{ background-color: rgb(1, 68,  
60) }
```

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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