

Converting Colors

CIELCh(25, 15.861, 195.186)

Have a look what the booklet for
CIELCh(25, 15.861, 195.186)
contains.

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Color

CIELCh(25, 15.873, 194.442)

Conversions

Conversions Part 1

Format	Color
Hex	154241
RGB	21, 66, 65
RGB Percent	8%, 26%, 25%
CMY	0.9184, 0.7418, 0.7457
CMYK	0.68, 0.00, 0.02, 0.74
HSL	179°, 52%, 17%
HSV	179°, 68%, 26%
XYZ	3.1942, 4.4155, 5.6615
YIQ	52.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

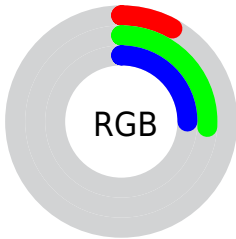
Format	Color
R_YB	21, 44, 66
Decimal	1393217
CIE Lab	25.00, -15.37, -3.96
CIE LCh	25, 15.873, 194.442
Yxy	4.4155, 0.2407, 0.3327
Android (android.graphics.Color)	4279583297 (0xFF154241)
YUV	52.4310, 6.1965, -27.5650
Hunter-Lab	21.0130, -9.6393, -1.2653

Details

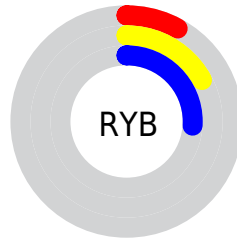
The CIELCh color **25, 15.873, 194.442** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14, 24.414, 25.997**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 15.657, 195.458**, and **6, 8.387, 194.279** is the 20% darker color. If you saturate the color by 10%, you get **25, 17.162, 194.091**, and if you desaturate by 10%, it is **25, 14.268, 194.818**.

Distribution



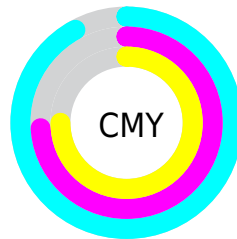
- Red (8%)
- Green (26%)
- Blue (25%)



- Red (8%)
- Yellow (17%)
- Blue (26%)



- Cyan (68%)
- Magenta (0%)
- Yellow (2%)
- Black (74%)





- Cyan (92%)
- Magenta (74%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 15.873, 194.442 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, 15.873, 194.442 by changing the saturation by 10% instead.

 25, 15.873,
194.442


 25, 15.873,
194.442

 100, 15.873,
194.442


 15, 15.873,
194.442


 45, 15.873,
194.442


 5, 15.873, 194.442

 55, 15.873,
194.442

 0, 15.873, 194.442

 65, 15.873,
194.442

 75, 15.873,
194.442

 85, 15.873,
194.442

 95, 15.873,

194.442

■ 25, 15.873,
194.442

■ 25, 15.873,
194.442

■ 25, 17.162,
194.091

■ 25, 14.268,
194.818

■ 25, 18.153,
193.766

■ 26, 12.367,
195.227

■ 25, 19.098,
193.459

■ 26, 10.196,
195.667

■ 24, 19.254,
193.411

■ 26, 7.790, 196.139

■ 27, 5.184, 196.646

■ 27, 2.417, 197.216

■ 28, 0.477, 17.123

■ 29, 3.466, 18.124

■ 29, 6.523, 18.719

Harmonies

Complementary

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



25, 15.873, 194.442



14, 24.414, 25.997

Rectangle

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



25, 15.873, 194.442



25, 15.873, 244.442



25, 15.873, 14.442



25, 15.873, 64.442

Sweetspot

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



25, 15.873, 194.440



35, 7.379, 196.462



24, 34.088, 138.644



17, 4.902, 196.412



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, 15.873, 194.440



33, 21.544, 193.854



18, 16.128, 264.161



12, 1.613, 197.206



37, 25.064, 193.236



81, 46.289, 192.997

Inverse Universe

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



14, 24.414, 25.997



18, 37.295, 30.630



19, 20.019, 64.614



12, 1.688, 17.969



18, 47.856, 34.389



47, 94.023, 39.287

Previews

White Background



This preview shows how the CIELCh color 25, 15.873, 194.442 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, 15.873, 194.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

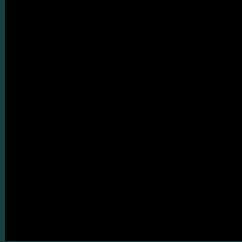
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 15.873, 194.442

Background



This preview shows how black text looks on a background with the CIELCh color 25, 15.873, 194.442.



This preview shows how white text looks on a background with the CIELCh color 25, 15.873, 194.442.

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, 15.873, 194.442

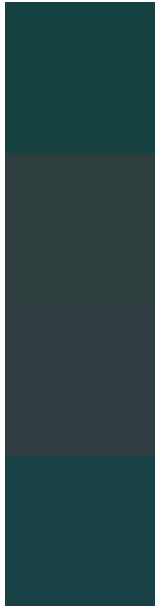
Protanopia
25, 1.401, 309.155

Deuteranopia
25, 6.213, 307.668



Tritanopia
25, 14.449, 210.549

Trichromacy



Original Color
25, 15.873, 194.442

Protanomaly
25, 6.355, 204.363

Deuteranomaly
25, 6.563, 228.932

Tritanomaly
25, 14.718, 204.908

Monochromacy



Original Color
25, 15.873, 194.442

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 6.821, 198.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 15.873, 194.442 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(21, 66, 65)` looks like.

```
.text, #text, p{  
    color:rgb(21, 66, 65)  
}
```

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(21, 66, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 66, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 15.873, 194.442 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(21, 66, 65) }
```

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

```
.border{ border-color:rgb(21, 66, 65) }
```

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

Here you see how a box with a 4 pixel rgb(21, 66, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 66, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 66, 65);  
box-shadow:4px 4px 4px 4px rgb(21, 66, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 15.873, 194.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 66, 65) }
```

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

```
.background{ background-color: rgb(21, 66,  
65) }
```

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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