

Converting Colors

CIELCh(25, 44.059, 137.710)

Have a look what the booklet for
CIELCh(25, 44.059, 137.710)
contains.

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Color

CIELCh(25, 44.173, 137.626)

Conversions

Conversions Part 1

Format	Color
Hex	044607
RGB	4, 70, 7
RGB Percent	2%, 27%, 3%
CMY	0.9846, 0.7257, 0.9727
CMYK	0.94, 0.00, 0.90, 0.73
HSL	123°, 89%, 14%
HSV	123°, 94%, 27%
XYZ	2.2748, 4.4155, 0.9321
YIQ	43.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

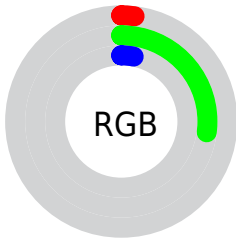
Format	Color
R_YB	4, 67, 70
Decimal	280071
CIE Lab	25.00, -32.63, 29.77
CIE LCh	25, 44.173, 137.626
Yxy	4.4155, 0.2984, 0.5793
Android (android.graphics.Color)	4278470151 (0xFF044607)
YUV	43.0840, -17.7894, -34.2767
Hunter-Lab	21.0130, -17.4493, 12.0791

Details

The CIELCh color **25, 44.173, 137.626** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 42.533, 329.766**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 44.162, 137.582**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 45.887, 137.208**, and if you desaturate by 10%, it is **25, 41.144, 138.505**.

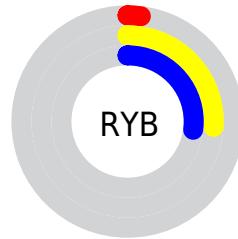
Distribution



Red (2%)

Green (27%)

Blue (3%)



Red (2%)

Yellow (26%)

Blue (27%)

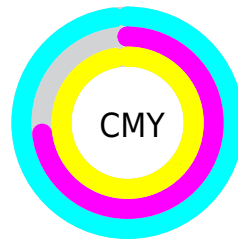


Cyan (94%)

Magenta (0%)

Yellow (90%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 44.173, 137.626 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, 44.173, 137.626 by changing the saturation by 10% instead.

 25, 44.173,
137.626

 25, 44.173,
137.626

 100, 44.173,
137.626

 15, 44.173,
137.626

 45, 44.173,
137.626

 5, 44.173, 137.626

 55, 44.173,
137.626

 0, 44.173, 137.626

 65, 44.173,
137.626

 75, 44.173,
137.626

 85, 44.173,
137.626

 95, 44.173,

137.626

■ 25, 44.173,
137.626

■ 25, 44.173,
137.626

■ 25, 45.887,
137.208

■ 25, 41.144,
138.505

■ 25, 37.552,
139.588

■ 26, 33.344,
140.679

■ 26, 28.666,
141.717

■ 27, 23.655,
142.668

■ 27, 18.426,
143.518

■ 28, 13.077,
144.266

■ 29, 7.689, 144.922

■ 29, 2.325, 145.523

Harmonies

Complementary

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



25, 44.173, 137.626



14, 42.533, 329.766

Rectangle

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



25, 44.173, 137.626



25, 44.173, 187.626



25, 44.173, 317.626



25, 44.173, 7.626

Sweetspot

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



25, 44.173, 137.627



36, 18.822, 143.921



28, 36.552, 104.971



17, 12.801, 143.761



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



25, 44.173, 137.627



33, 55.653, 136.843



25, 30.725, 154.424



14, 3.021, 145.267



36, 58.947, 136.775



79, 108.915, 136.303

Inverse Universe

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



14, 42.533, 329.766



20, 52.981, 330.007



13, 32.148, 358.757



13, 3.027, 326.089



22, 56.004, 330.027



53, 102.042, 330.167

Previews

White Background



This preview shows how the CIELCh color 25, 44.173, 137.626 looks on a white background.

Color Contrast Check

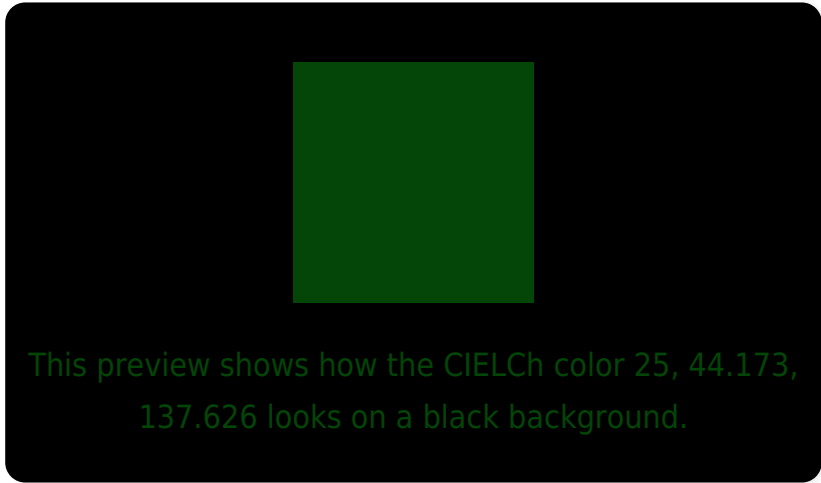
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

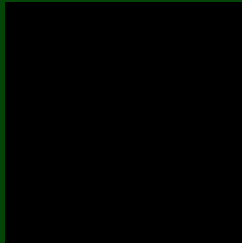
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 44.173, 137.626

Background



This preview shows how black text looks on a background with the CIELCh color 25, 44.173, 137.626.



This preview shows how white text looks on a background with the CIELCh color 25, 44.173, 137.626.

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, 44.173, 137.626

Protanopia

25, 34.130, 96.638

Deuteranopia

25, 27.644, 83.746



Tritanopia
25, 13.255, 211.942

Trichromacy



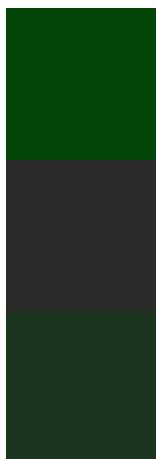
Original Color
25, 44.173, 137.626

Protanomaly
24, 36.059, 119.744

Deuteranomaly
24, 30.286, 116.892

Tritanomaly
25, 22.797, 160.651

Monochromacy



Original Color
25, 44.173, 137.626

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 19.205, 142.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 44.173, 137.626 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(4, 70, 7)` looks like.

```
.text, #text, p{  
    color:rgb(4, 70, 7)  
}
```

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(4, 70, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 70, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 44.173, 137.626 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(4, 70, 7) }
```

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

```
.border{ border-color:rgb(4, 70, 7) }
```

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

Here you see how a box with a 4 pixel rgb(4, 70, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 70, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 70, 7); box-shadow:4px  
4px 4px 4px rgb(4, 70, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 44.173, 137.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 70, 7) }
```

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

```
.background{ background-color: rgb(4, 70,  
7) }
```

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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