

Converting Colors

CIELCh(25, 13.660, 34.178)

Have a look what the booklet for
CIELCh(25, 13.660, 34.178) contains.

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Color

CIELCh(25, 13.446, 35.660)

Conversions

Conversions Part 1

Format	Color
Hex	4F3530
RGB	79, 53, 48
RGB Percent	31%, 21%, 19%
CMY	0.6904, 0.7923, 0.8119
CMYK	0.00, 0.33, 0.39, 0.69
HSL	10°, 24%, 25%
HSV	10°, 39%, 31%
XYZ	5.0242, 4.4155, 3.3791
YIQ	60.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

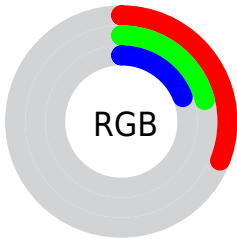
Format	Color
R_YB	79, 54, 48
Decimal	5190960
CIE Lab	25.00, 10.92, 7.84
CIE LCh	25, 13.446, 35.660
Yxy	4.4155, 0.3919, 0.3445
Android (android.graphics.Color)	4283381040 (0xFF4F3530)
YUV	60.2040, -6.0166, 16.4841
Hunter-Lab	21.0130, 5.9063, 5.1746

Details

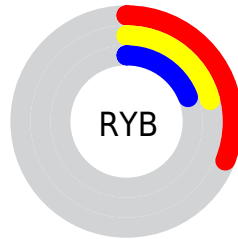
The CIELCh color **25, 13.446, 35.660** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30, 10.392, 216.148**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 13.299, 36.300**, and **5, 13.313, 35.221** is the 20% darker color. If you saturate the color by 10%, you get **23, 17.506, 36.190**, and if you desaturate by 10%, it is **27, 9.648, 35.320**.

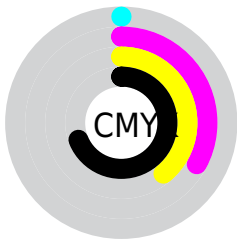
Distribution



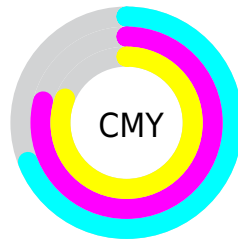
- Red (31%)
- Green (21%)
- Blue (19%)



- Red (31%)
- Yellow (21%)
- Blue (19%)



- Cyan (0%)
- Magenta (33%)
- Yellow (39%)
- Black (69%)



- Cyan (69%)
- Magenta (79%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 13.446, 35.660 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, 13.446, 35.660 by changing the saturation by 10% instead.

 25, 13.446, 35.660

 25, 13.446, 35.660

 100, 13.446,
35.660

 15, 13.446, 35.660

 45, 13.446, 35.660

 5, 13.446, 35.660

 55, 13.446, 35.660

 0, 13.446, 35.660

 65, 13.446, 35.660

 75, 13.446, 35.660

 85, 13.446, 35.660

 95, 13.446, 35.660

 25, 13.446, 35.660

 25, 13.446, 35.660

■ 23, 17.506, 36.190

■ 27, 9.648, 35.320

■ 21, 21.813, 36.928

■ 29, 6.114, 35.113

■ 19, 26.324, 37.905

■ 31, 2.830, 34.985

■ 18, 30.838, 38.850

■ 34, 0.220, 216.388

■ 16, 34.473, 38.364

■ 36, 3.057, 215.280

■ 15, 37.581, 38.114

■ 38, 5.702, 215.376

■ 15, 37.800, 38.132

■ 41, 8.175, 215.538

■ 43, 10.496,
215.735

■ 45, 12.682,
215.956

Harmonies

Complementary

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



25, 13.446, 35.660



30, 10.392, 216.148

Rectangle

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



25, 13.446, 35.660



25, 13.446, 85.660



25, 13.446, 215.660



25, 13.446, 265.660

Sweetspot

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



25, 13.445, 35.665



40, 4.589, 35.024



25, 21.607, 331.021



19, 3.011, 35.030



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



25, 13.445, 35.665



31, 20.600, 36.153



29, 13.968, 85.126



14, 1.658, 34.976



21, 48.136, 40.695



50, 93.403, 42.149

Inverse Universe

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



30, 10.392, 216.148



37, 14.786, 216.744



25, 13.760, 275.573



15, 1.578, 215.278



33, 22.233, 225.224



72, 40.204, 227.610

Previews

White Background



This preview shows how the CIELCh color 25, 13.446, 35.660 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, 13.446, 35.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

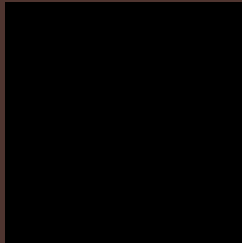
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 13.446, 35.660

Background



This preview shows how black text looks on a background with the CIELCh color 25, 13.446, 35.660.

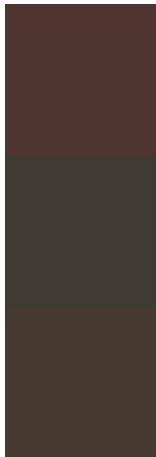


This preview shows how white text looks on a background with the CIELCh color 25, 13.446, 35.660.

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, 13.446, 35.660

Protanopia

25, 5.583, 89.022

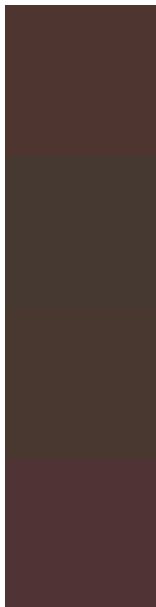
Deuteranopia

25, 9.262, 64.802



Tritanopia
25, 13.534, 11.196

Trichromacy



Original Color
25, 13.446, 35.660

Protanomaly
25, 7.477, 57.826

Deuteranomaly
25, 10.415, 54.748

Tritanomaly
25, 13.562, 19.418

Monochromacy



Original Color
25, 13.446, 35.660

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 4.745, 28.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 13.446, 35.660 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(79, 53, 48)` looks like.

```
.text, #text, p{  
    color:rgb(79, 53, 48)  
}
```

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(79, 53, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 53, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 13.446, 35.660 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(79, 53, 48) }
```

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

```
.border{ border-color:rgb(79, 53, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 53, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 53, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 53, 48);  
box-shadow:4px 4px 4px 4px rgb(79, 53, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 13.446, 35.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 53, 48) }
```

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

```
.background{ background-color: rgb(79, 53,  
48) }
```

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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