

Converting Colors

CIELCh(25, 13.742, 105.574)

Have a look what the booklet for
CIELCh(25, 13.742, 105.574)
contains.

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Color

CIELCh(25, 13.648, 105.150)

Conversions

Conversions Part 1

Format	Color
Hex	3D3C27
RGB	61, 60, 39
RGB Percent	24%, 24%, 15%
CMY	0.7595, 0.7635, 0.8459
CMYK	0.00, 0.02, 0.36, 0.76
HSL	57°, 22%, 20%
HSV	57°, 36%, 24%
XYZ	3.9478, 4.4155, 2.5896
YIQ	57.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

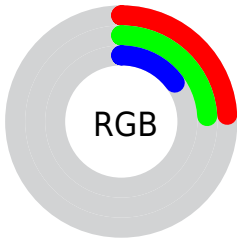
Format	Color
R_{YB}	40, 61, 39
Decimal	4013095
CIE Lab	25.00, -3.57, 13.17
CIE LCh	25, 13.648, 105.150
Yxy	4.4155, 0.3604, 0.4031
Android (android.graphics.Color)	4282203175 (0xFF3D3C27)
YUV	57.9050, -9.3202, 2.7143
Hunter-Lab	21.0130, -3.2377, 7.4023

Details

The CIELCh color **25, 13.648, 105.150** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17, 14.626, 292.285**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 13.640, 104.506**, and **5, 8.051, 113.060** is the 20% darker color. If you saturate the color by 10%, you get **25, 17.333, 104.284**, and if you desaturate by 10%, it is **25, 9.888, 106.033**.

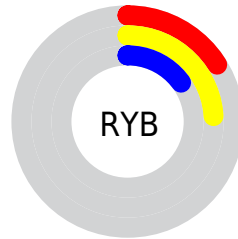
Distribution



Red (24%)

Green (24%)

Blue (15%)



Red (16%)

Yellow (24%)

Blue (15%)

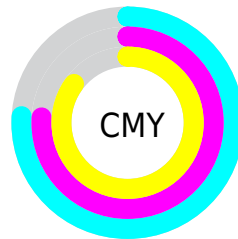


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (76%)



Cyan (76%)


Magenta (76%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 13.648, 105.150 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, 13.648, 105.150 by changing the saturation by 10% instead.

 25, 13.648,
105.150


 25, 13.648,
105.150

 100, 13.648,
105.150


 15, 13.648,
105.150


 45, 13.648,
105.150


 5, 13.648, 105.150

 55, 13.648,
105.150

 0, 13.648, 105.150

 65, 13.648,
105.150

 75, 13.648,
105.150

 85, 13.648,
105.150

 95, 13.648,

105.150

■ 25, 13.648,
105.150

■ 25, 13.648,
105.150

■ 25, 17.333,
104.284

■ 25, 9.888, 106.033

■ 25, 6.084, 106.911

■ 25, 20.890,
103.439

■ 26, 2.260, 107.772

■ 24, 24.247,
102.634

■ 26, 1.569, 288.665

■ 24, 27.299,
101.889

■ 26, 5.395, 289.482

■ 27, 9.209, 290.286

■ 24, 29.876,
101.242

■ 27, 13.006,
291.062

■ 24, 32.228,
100.714

■ 27, 16.783,

■ 24, 33.190,
100.522

291.807

■ 28, 20.538,
292.519

Harmonies

Complementary

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



25, 13.648, 105.150



17, 14.626, 292.285

Rectangle

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



25, 13.648, 105.150



25, 13.648, 155.150



25, 13.648, 285.150



25, 13.648, 335.150

Sweetspot

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



25, 13.649, 105.154



33, 5.199, 107.297



18, 11.111, 18.246



16, 3.525, 107.261



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



25, 13.649, 105.154



32, 20.078, 104.374



24, 15.112, 125.800



11, 2.119, 107.559



37, 45.381, 100.082



83, 84.336, 99.849

Inverse Universe

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



17, 14.626, 292.285



21, 21.993, 293.628



18, 15.869, 308.937



10, 2.154, 289.069



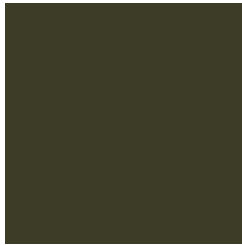
8, 61.941, 305.096



28, 118.556, 305.851

Previews

White Background



This preview shows how the CIE LCh color 25, 13.648, 105.150 looks on a white background.

Color Contrast Check

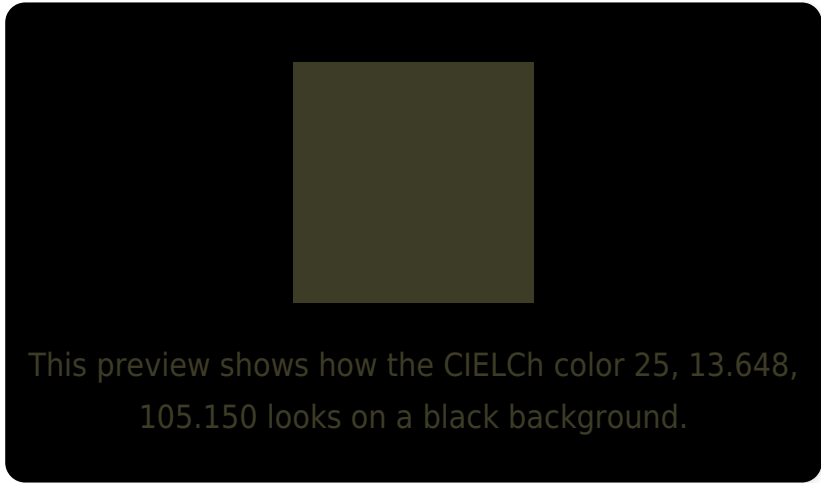
Large Text (above 18pt) WCAG AA ✓ Pass

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

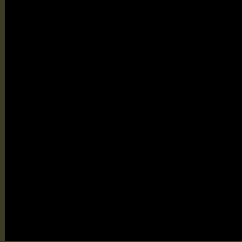
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 13.648, 105.150

Background



This preview shows how black text looks on a background with the CIELCh color 25, 13.648, 105.150.

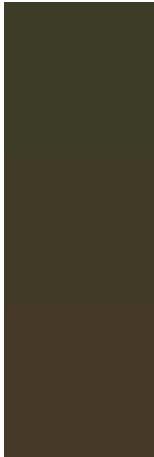


This preview shows how white text looks on a background with the CIELCh color 25, 13.648, 105.150.

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

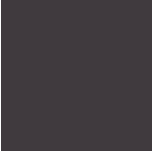
25, 13.648, 105.150

Protanopia

25, 13.287, 96.393

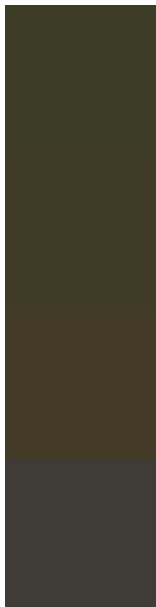
Deuteranopia

25, 13.354, 75.403



Tritanopia
25, 3.795, 336.201

Trichromacy



Original Color
25, 13.648, 105.150

Protanomaly
25, 13.195, 98.559

Deuteranomaly
25, 12.673, 86.515

Tritanomaly
25, 3.777, 79.575

Monochromacy



Original Color
25, 13.648, 105.150

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 5.254, 109.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 13.648, 105.150 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(61, 60, 39)` looks like.

```
.text, #text, p{  
    color:rgb(61, 60, 39)  
}
```

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(61, 60, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 60, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 13.648, 105.150 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(61, 60, 39) }
```

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

```
.border{ border-color:rgb(61, 60, 39) }
```

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

Here you see how a box with a 4 pixel rgb(61, 60, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 60, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 60, 39);  
box-shadow:4px 4px 4px 4px rgb(61, 60, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 13.648, 105.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 60, 39) }
```

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

```
.background{ background-color: rgb(61, 60,  
39) }
```

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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