

Converting Colors

CIELCh(25, 14.331, 99.581)

Have a look what the booklet for
CIELCh(25, 14.331, 99.581) contains.

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Color

CIELCh(25, 14.356, 101.055)

Conversions

Conversions Part 1

Format	Color
Hex	3F3C26
RGB	63, 60, 38
RGB Percent	25%, 24%, 15%
CMY	0.7533, 0.7650, 0.8513
CMYK	0.00, 0.05, 0.40, 0.75
HSL	53°, 25%, 20%
HSV	53°, 40%, 25%
XYZ	4.0037, 4.4155, 2.4679
YIQ	58.3890, 8.8500, -6.2060

Conversions

Conversions Part 2

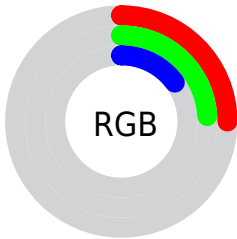
Format	Color
RYB	41, 63, 38
Decimal	4144166
CIELab	25.00, -2.75, 14.09
CIElCh	25, 14.356, 101.055
Yxy	4.4155, 0.3677, 0.4056
Android (android.graphics.Color)	4282334246 (0xFF3F3C26)
YUV	58.3890, -10.0518, 4.0438
Hunter-Lab	21.0130, -2.7625, 7.7459

Details

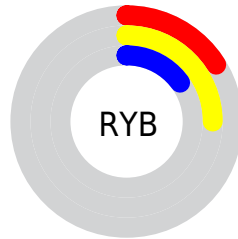
The CIELCh color **25, 14.356, 101.055** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17, 15.293, 289.628**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 14.308, 101.002**, and **5, 8.041, 107.160** is the 20% darker color. If you saturate the color by 10%, you get **25, 17.877, 100.094**, and if you desaturate by 10%, it is **25, 10.769, 102.023**.

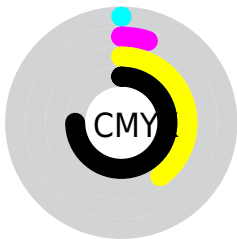
Distribution



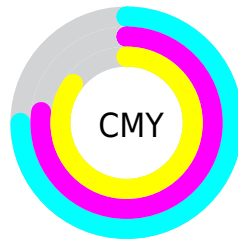
- Red (25%)
- Green (24%)
- Blue (15%)



- Red (16%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (5%)
- Yellow (40%)
- Black (75%)





- Cyan (75%)
- Magenta (77%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 14.356, 101.055 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, 14.356, 101.055 by changing the saturation by 10% instead.

 25, 14.356,
101.055


 25, 14.356,
101.055

 100, 14.356,
101.055


 15, 14.356,
101.055


 45, 14.356,
101.055


 5, 14.356, 101.055

 55, 14.356,
101.055

 0, 14.356, 101.055

 65, 14.356,
101.055

 75, 14.356,
101.055

 85, 14.356,
101.055

 95, 14.356,

101.055

■ 25, 14.356,
101.055

■ 25, 14.356,
101.055

■ 25, 17.877,
100.094

■ 25, 10.769,
102.023

■ 24, 21.277, 99.139

■ 26, 7.150, 102.978

■ 24, 24.475, 98.204

■ 26, 3.522, 103.912

■ 24, 27.352, 97.299

■ 27, 0.103, 285.342

■ 23, 29.676, 96.484

■ 27, 3.714, 285.754

■ 23, 31.913, 95.790

■ 28, 7.307, 286.612

■ 23, 31.974, 95.773

■ 28, 10.877,
287.442

■ 29, 14.423,
288.240

■ 29, 17.944,
289.002

Harmonies

Complementary

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



25, 14.356, 101.055



17, 15.293, 289.628

Rectangle

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



25, 14.356, 101.055



25, 14.356, 151.055



25, 14.356, 281.055



25, 14.356, 331.055

Sweetspot

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



25, 14.357, 101.059



34, 5.398, 103.654



18, 12.656, 12.369



16, 3.520, 103.633



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, 14.357, 101.059



32, 21.425, 100.059



25, 16.728, 122.454



11, 1.963, 104.034



35, 43.302, 95.062



79, 80.221, 94.366

Inverse Universe

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



17, 15.293, 289.628



21, 23.347, 291.370



17, 17.839, 306.411



10, 1.990, 285.644



9, 57.988, 303.190



29, 114.118, 304.782

Previews

White Background



This preview shows how the CIELCh color 25, 14.356, 101.055 looks on a white background.

Color Contrast Check

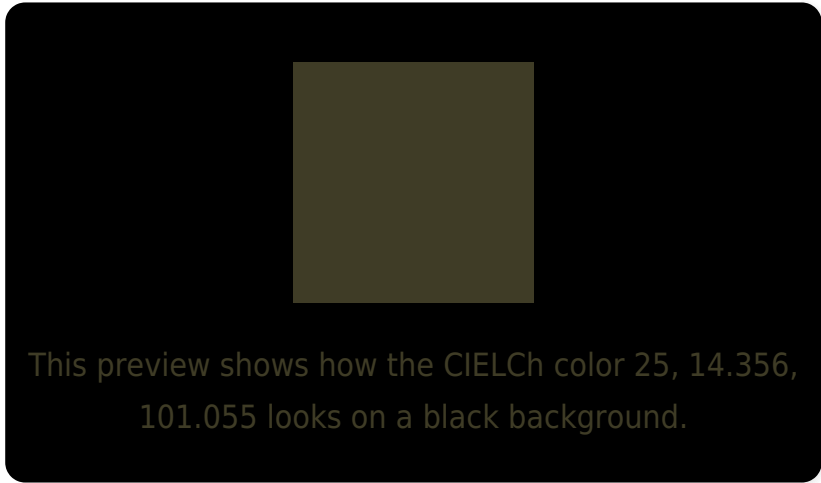
Large Text (above 18pt) WCAG AA ✓ Pass

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

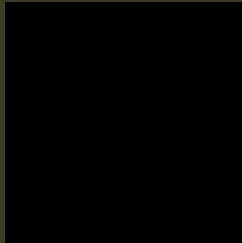
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

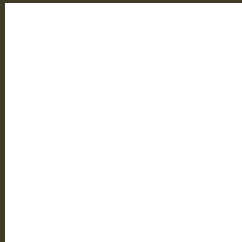
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 14.356, 101.055

Background



This preview shows how black text looks on a background with the CIELCh color 25, 14.356, 101.055.

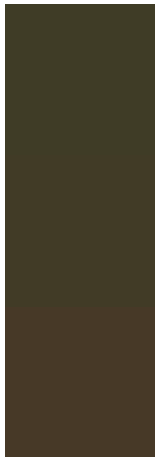


This preview shows how white text looks on a background with the CIELCh color 25, 14.356, 101.055.

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

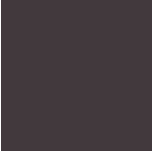
25, 14.356, 101.055

Protanopia

25, 14.026, 94.661

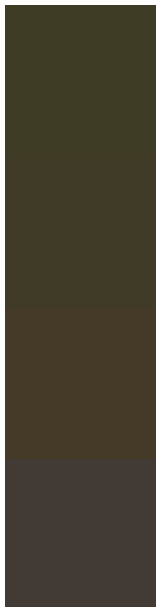
Deuteranopia

25, 13.923, 76.594



Tritanopia
25, 4.886, 347.785

Trichromacy



Original Color
25, 14.356, 101.055

Protanomaly
25, 13.917, 96.714

Deuteranomaly
25, 13.482, 85.265

Tritanomaly
25, 4.681, 64.142

Monochromacy



Original Color
25, 14.356, 101.055

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 5.271, 103.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 14.356, 101.055 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(63, 60, 38)` looks like.

```
.text, #text, p{  
    color:rgb(63, 60, 38)  
}
```

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(63, 60, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 60, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 14.356, 101.055 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(63, 60, 38) }
```

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

```
.border{ border-color:rgb(63, 60, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 60, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 60, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 60, 38);  
box-shadow:4px 4px 4px 4px rgb(63, 60, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 14.356, 101.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 60, 38) }
```

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

```
.background{ background-color: rgb(63, 60,  
38) }
```

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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