

Converting Colors

CIELCh(25, 16.159, 239.658)

Have a look what the booklet for
CIELCh(25, 16.159, 239.658)
contains.

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Color

CIELCh(25, 16.092, 239.200)

Conversions

Conversions Part 1

Format	Color
Hex	184050
RGB	24, 64, 80
RGB Percent	9%, 25%, 31%
CMY	0.9067, 0.7497, 0.6870
CMYK	0.70, 0.20, 0.00, 0.69
HSL	197°, 54%, 20%
HSV	197°, 70%, 31%
XYZ	3.6367, 4.4155, 8.2153
YIQ	53.8640, -28.9760, -3.5040

Conversions

Conversions Part 2

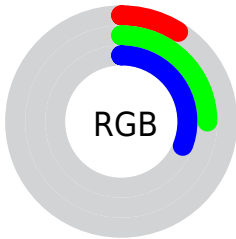
Format	Color
R_{YB}	24, 47, 80
Decimal	1589328
CIE _{Lab}	25.00, -8.24, -13.82
CIE _{LCh}	25, 16.092, 239.200
Yxy	4.4155, 0.2236, 0.2714
Android (android.graphics.Color)	4279779408 (0xFF184050)
YUV	53.8640, 12.8850, -26.1907
Hunter-Lab	21.0130, -5.8801, -8.4711

Details

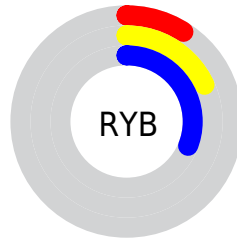
The CIELCh color **25, 16.092, 239.200** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21, 25.288, 47.600**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 15.893, 238.266**, and **6, 11.864, 255.921** is the 20% darker color. If you saturate the color by 10%, you get **24, 17.527, 242.048**, and if you desaturate by 10%, it is **26, 14.412, 236.857**.

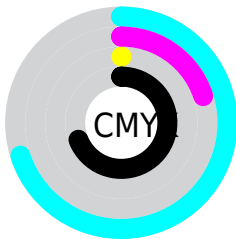
Distribution



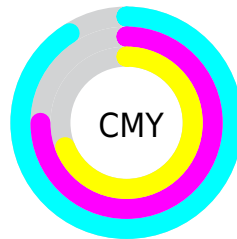
- Red (9%)
- Green (25%)
- Blue (31%)



- Red (9%)
- Yellow (18%)
- Blue (31%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (69%)





- Cyan (91%)
- Magenta (75%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 16.092, 239.200 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, 16.092, 239.200 by changing the saturation by 10% instead.

 25, 16.092,
239.200


 25, 16.092,
239.200

 100, 16.092,
239.200


 15, 16.092,
239.200


 45, 16.092,
239.200


 5, 16.092, 239.200

 55, 16.092,
239.200

 0, 16.092, 239.200

 65, 16.092,
239.200

 75, 16.092,
239.200

 85, 16.092,
239.200

 95, 16.092,

239.200

■ 25, 16.092,
239.200

■ 25, 16.092,
239.200

■ 24, 17.527,
242.048

■ 26, 14.412,
236.857

■ 23, 18.747,
245.416

■ 27, 12.492,
234.953

■ 22, 19.962,
248.545

■ 29, 10.347,
233.420

■ 30, 8.002, 232.193

■ 31, 5.487, 231.222

■ 33, 2.829, 230.482

■ 34, 0.057, 234.427

■ 35, 2.807, 49.174

■ 37, 5.741, 48.830

Harmonies

Complementary

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



25, 16.092, 239.200



21, 25.288, 47.600

Rectangle

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



25, 16.092, 239.200



25, 16.092, 289.200



25, 16.092, 59.200



25, 16.092, 109.200

Sweetspot

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



25, 16.092, 239.200



41, 7.106, 231.360



30, 33.797, 146.978



20, 4.831, 231.498



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



25, 16.092, 239.200



31, 22.163, 244.331



16, 30.731, 291.445



16, 1.584, 230.397



29, 24.365, 250.472



64, 44.873, 254.151

Inverse Universe

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



19, 33.419, 338.850



23, 45.938, 340.652



29, 27.763, 91.556



15, 2.865, 334.197



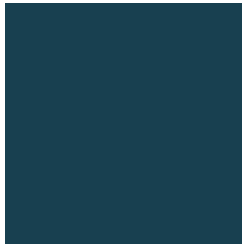
22, 48.858, 342.785



52, 86.531, 344.125

Previews

White Background



This preview shows how the CIE LCh color 25, 16.092, 239.200 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 CIE LCh color 25, 16.092, 239.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

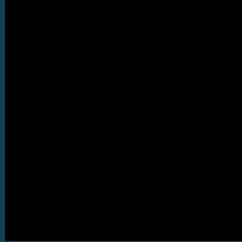
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 16.092, 239.200

Background



This preview shows how black text looks on a background with the CIELCh color 25, 16.092, 239.200.



This preview shows how white text looks on a background with the CIELCh color 25, 16.092, 239.200.

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, 16.092, 239.200

Protanopia
25, 11.268, 284.317

Deuteranopia
25, 15.233, 286.087



Tritanopia
25, 15.662, 211.881

Trichromacy



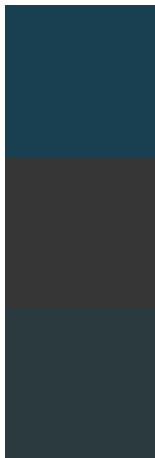
Original Color
25, 16.092, 239.200

Protanomaly
25, 12.078, 260.284

Deuteranomaly
25, 15.005, 267.363

Tritanomaly
25, 15.481, 220.063

Monochromacy



Original Color
25, 16.092, 239.200

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 6.925, 227.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 16.092, 239.200 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(24, 64, 80)` looks like.

```
.text, #text, p{  
    color:rgb(24, 64, 80)  
}
```

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(24, 64, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 64, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 16.092, 239.200 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(24, 64, 80) }
```

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

```
.border{ border-color:rgb(24, 64, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 64, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 64, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 64, 80);  
box-shadow:4px 4px 4px 4px rgb(24, 64, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 16.092, 239.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 64, 80) }
```

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

```
.background{ background-color: rgb(24, 64,  
80) }
```

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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