

Converting Colors

CIELCh(25, 19.464, 172.323)

Have a look what the booklet for
CIELCh(25, 19.464, 172.323)
contains.

CIELCh(25, 19.460, 172.224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(25, 19.460, 172.224)

Conversions

Conversions Part 1

Format	Color
Hex	144337
RGB	20, 67, 55
RGB Percent	8%, 26%, 22%
CMY	0.9223, 0.7379, 0.7849
CMYK	0.70, 0.00, 0.18, 0.74
HSL	165°, 54%, 17%
HSV	165°, 70%, 26%
XYZ	2.9676, 4.4155, 4.2903
YIQ	51.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

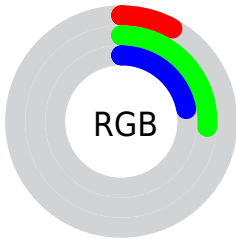
Format	Color
R_{YB}	20, 47, 67
Decimal	1327927
CIE _{Lab}	25.00, -19.28, 2.63
CIE _{LCh}	25, 19.460, 172.224
Yxy	4.4155, 0.2542, 0.3783
Android (android.graphics.Color)	4279518007 (0xFF144337)
YUV	51.5790, 1.6866, -27.6948
Hunter-Lab	21.0130, -11.5642, 2.6038

Details

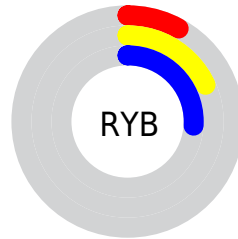
The CIELCh color **25, 19.460, 172.224** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14, 24.220, 9.033**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 19.187, 173.313**, and **7, 13.320, 155.276** is the 20% darker color. If you saturate the color by 10%, you get **25, 21.352, 170.871**, and if you desaturate by 10%, it is **25, 17.281, 173.454**.

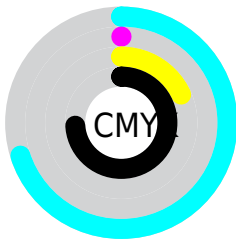
Distribution



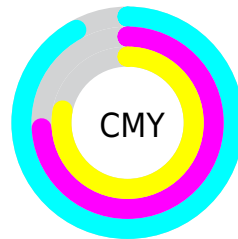
- Red (8%)
- Green (26%)
- Blue (22%)



- Red (8%)
- Yellow (18%)
- Blue (26%)



- Cyan (70%)
- Magenta (0%)
- Yellow (18%)
- Black (74%)





- Cyan (92%)
- Magenta (74%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 19.460, 172.224 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, 19.460, 172.224 by changing the saturation by 10% instead.

 25, 19.460,
172.224


 25, 19.460,
172.224

 100, 19.460,
172.224


 15, 19.460,
172.224


 45, 19.460,
172.224


 5, 19.460, 172.224

 55, 19.460,
172.224

 0, 19.460, 172.224

 65, 19.460,
172.224

 75, 19.460,
172.224

 85, 19.460,
172.224

 95, 19.460,

172.224

■ 25, 19.460,
172.224

■ 25, 19.460,
172.224

■ 25, 21.352,
170.871

■ 25, 17.281,
173.454

■ 25, 22.995,
169.436

■ 26, 14.843,
174.581

■ 24, 24.594,
168.218

■ 26, 12.181,
175.621

■ 27, 9.337, 176.590

■ 27, 6.352, 177.502

■ 28, 3.266, 178.385

■ 28, 0.113, 181.117

■ 29, 3.075, 359.816

■ 30, 6.272, 0.589

Harmonies

Complementary

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



25, 19.460, 172.224



14, 24.220, 9.033

Rectangle

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



25, 19.460, 172.224



25, 19.460, 222.224



25, 19.460, 352.224



25, 19.460, 42.224

Sweetspot

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



25, 19.460, 172.223



35, 8.118, 177.367



25, 33.199, 133.489



17, 5.401, 177.279



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



25, 19.460, 172.223



32, 26.842, 169.827



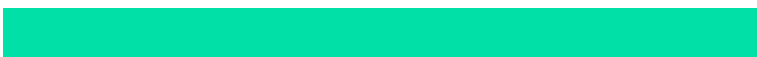
21, 13.848, 230.245



12, 1.743, 178.553



36, 32.200, 167.013



80, 60.819, 165.346

Inverse Universe

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



14, 24.220, 9.033



18, 34.758, 14.217



17, 22.287, 43.251



12, 1.788, 359.775



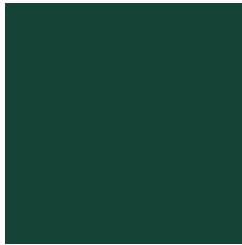
18, 43.168, 21.127



47, 81.990, 25.837

Previews

White Background



This preview shows how the CIELCh color 25, 19.460, 172.224 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, 19.460, 172.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

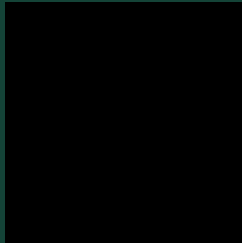
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 19.460, 172.224

Background



This preview shows how black text looks on a background with the CIELCh color 25, 19.460, 172.224.



This preview shows how white text looks on a background with the CIELCh color 25, 19.460, 172.224.

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, 19.460, 172.224

Protanopia
25, 5.437, 93.793

Deuteranopia
25, 4.196, 20.134



Tritanopia
25, 13.751, 211.336

Trichromacy



Original Color
25, 19.460, 172.224

Protanomaly
25, 9.517, 154.038

Deuteranomaly
25, 6.332, 166.869

Tritanomaly
25, 15.367, 191.946

Monochromacy



Original Color
25, 19.460, 172.224

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 8.254, 173.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 19.460, 172.224 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(20, 67, 55)` looks like.

```
.text, #text, p{  
    color:rgb(20, 67, 55)  
}
```

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(20, 67, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 67, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 19.460, 172.224 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(20, 67, 55) }
```

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

```
.border{ border-color:rgb(20, 67, 55) }
```

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

Here you see how a box with a 4 pixel rgb(20, 67, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 67, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 67, 55);  
box-shadow:4px 4px 4px 4px rgb(20, 67, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 19.460, 172.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 67, 55) }
```

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

```
.background{ background-color: rgb(20, 67,  
55) }
```

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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