

Converting Colors

HunterLab(64.1239, -24.0166,
-14.8998)

Have a look what the booklet for
HunterLab(64.1239, -24.0166,
-14.8998) contains.

HunterLab(64.1175, -24.0101, -14.9075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.1175,
-24.0101, -14.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	4CBACE
RGB	76, 186, 206
RGB Percent	30%, 73%, 81%
CMY	0.7019, 0.2706, 0.1922
CMYK	0.63, 0.10, 0.00, 0.19
HSL	189°, 57%, 55%
HSV	189°, 63%, 81%
XYZ	31.6800, 41.1105, 64.6579
YIQ	155.3900, -71.9800, -17.1000

Conversions

Conversions Part 2

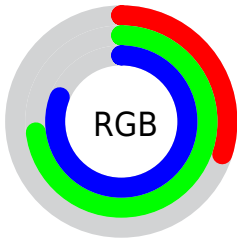
Format	Color
RYB	76, 136, 206
Decimal	5028558
CIELab	70.25, -25.11, -19.39
CIElCh	70, 31.726, 217.680
Yxy	41.1121, 0.2305, 0.2991
Android (android.graphics.Color)	4283218638 (0xFF4CBACE)
YUV	155.3900, 24.9507, -69.6250
Hunter-Lab	64.1175, -24.0101, -14.9075

Details

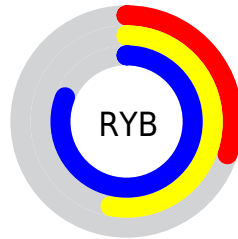
The HunterLab color **64.1175, -24.0101, -14.9075** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **46.9155, 35.6235, 20.8902**, and the grayscale version is **57.3348, -3.0592, 3.1151**.

A 20% lighter version of the original color is **87.2511, -29.3605, -11.0394**, and **43.6372, -18.8724, -13.8027** is the 20% darker color. If you saturate the color by 10%, you get **62.5127, -24.7689, -17.2965**, and if you desaturate by 10%, it is **65.9131, -22.5589, -12.3054**.

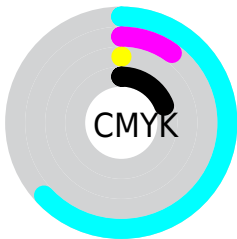
Distribution



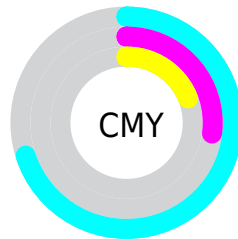
- Red (30%)
- Green (73%)
- Blue (81%)



- Red (30%)
- Yellow (53%)
- Blue (81%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1175, -24.0101, -14.9075 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 HunterLab color 64.1175, -24.0101, -14.9075 by changing the saturation by 10% instead.

64.1175, -24.0101,
-14.9075

64.1175, -24.0101,
-14.9075

187.2936,
-40.4804, -14.4617

53.2979, -22.0275,
-14.6807

87.6664, -27.8285,
-15.1706

43.1653, -19.9739,
-14.3883

100.3291,
-29.6860, -15.2159

33.7713, -17.8238,
-14.0281

113.5488,
-31.5192, -15.2078

25.1792, -15.5377,
-13.6049

127.3030,
-33.3337, -15.1494

17.4724, -13.0495,
-13.1412

141.5716,
-35.1339, -15.0432

10.7675, -11.1174,
-12.7218

156.3368,

1.6781, -2.9367,

-36.9232, -14.8918

-50.0940

171.5823,
-38.7046, -14.6973

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.1175, -24.0101,
-14.9075

■ 64.1175, -24.0101,
-14.9075

■ 62.5127, -24.7689,
-17.2965

■ 65.9131, -22.5589,
-12.3054

■ 61.0880, -24.8512,
-19.4675

■ 67.8983, -20.4228,
-9.5090

■ 59.8303, -24.3061,
-21.4244

■ 70.0731, -17.6272,
-6.5374

■ 59.0324, -23.6707,
-22.6870

■ 72.4336, -14.2097,
-3.4129

■ 74.9739, -10.2157,

-0.1581

■ 77.6871, -5.6944,
3.2056

■ 80.5651, -0.6962,
6.6585

■ 83.5996, 4.7298,
10.1831

■ 86.0672, 8.1656,
12.9512

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1187, -28.7555, -0.1522



64.1175, -24.0101, -14.9075



64.1187, -13.6620, -26.1716

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1187, -24.0102, -14.9065



64.1187, 24.4250, -7.4080



64.1187, -7.1041, 24.5848

Complementary

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



64.1175, -24.0101, -14.9075



46.9155, 35.6235, 20.8902

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1187, 7.4982, 23.4788



64.1175, -24.0101, -14.9075



64.1187, 26.5742, 6.9306

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1187, -24.0102, -14.9065



64.1187, 14.5014, -21.2157



64.1187, 20.1380, 17.6635



64.1187, -19.5748, 21.1160

Rectangle

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



64.1175, -24.0101, -14.9075



64.1187, -4.5481, -29.0233



64.1187, 20.1380, 17.6635



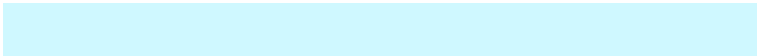
64.1187, -2.2935, 24.7188

Sweetspot

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



64.1187, -24.0102, -14.9065



93.4221, -16.2043, -2.7599



68.2022, -48.3192, 31.6630



42.7959, -8.1537, -1.8267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1187, -24.0102, -14.9065



78.8475, -31.6671, -23.1100



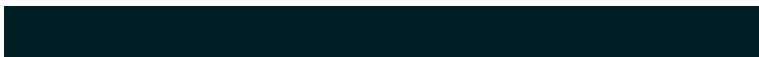
44.4870, 6.4914, -50.2973



35.2442, -3.9881, 0.5008



46.4473, -18.7378, -17.6056



10.9288, -4.7472, -3.4121

Inverse Universe

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



46.7302, 59.1806, -29.1109



54.8318, 88.0902, -41.8403



62.4182, 3.4903, 32.0269



33.7238, 2.4378, -0.5664



31.5925, 60.1197, -26.2255



7.2327, 13.8557, -6.7173

Previews

White Background



This preview shows how the HunterLab color 64.1175, -24.0101, -14.9075 looks on a white background.

Color Contrast Check

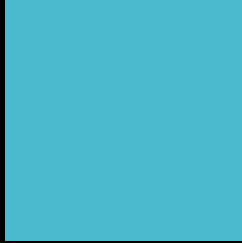
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.1175, -24.0101, -14.9075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

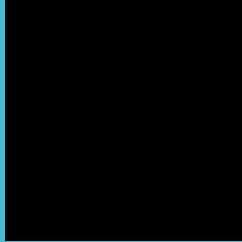
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 64.1175, -24.0101, -14.9075 Background



This preview shows how black text looks on a background with the HunterLab color 64.1175, -24.0101, -14.9075.



This preview shows how white text looks on a background with the HunterLab color 64.1175, -24.0101, -14.9075.

-24.0101, -14.9075.

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

64.1175, -24.0101, -14.9075

Protanopia

63.5791, 0.3755, -8.9630

Deuteranopia

63.6444, 4.7009, -17.5015



Tritanopia

64.2345, -25.5565, -12.4423

Trichromacy



Original Color

64.1175, -24.0101, -14.9075



Protanomaly

63.0635, -10.4121, -12.1226



Deuteranomaly

63.2012, -7.5818, -17.7771



Tritanomaly

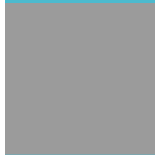
64.3026, -25.2224, -12.9141

Monochromacy



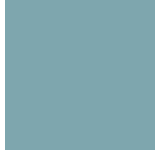
Original Color

64.1175, -24.0101, -14.9075



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

58.9610, -12.7213, -4.1590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1175, -24.0101, -14.9075 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(76, 186, 206)` looks like.

```
.text, #text, p{  
    color:rgb(76, 186, 206)  
}
```

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(76, 186, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 186, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1175, -24.0101, -14.9075 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(76, 186, 206) }
```


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

```
.border{ border-color:rgb(76, 186, 206) }
```

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

Here you see how a box with a 4 pixel rgb(76, 186, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 186, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 186, 206);  
box-shadow:4px 4px 4px 4px rgb(76, 186,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1175, -24.0101, -14.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 186, 206) }
```

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

```
.background{ background-color: rgb(76, 186,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor